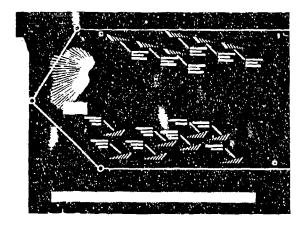
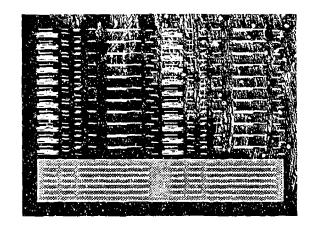
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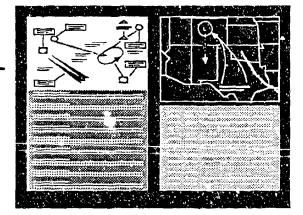
## FAA AIR TRAFFIC CONTROL **OPERATIONS** CONCEPTS

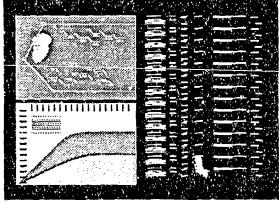
Volume IV: TAAS Terminal



6 July 1987











DOT/FAA/AP-87-01

U.S. Department of Transportation Federal Aviation Administration









## FAA AIR TRAFFIC CONTROL OPERATIONS CONCEPTS VOLUME IV: TAAS TERMINAL CONTROLLERS

CDRL B112, VOL. IV

CONTRACT DTF-A01-85-Y-01034

## Prepared For:

FAA/AAP 100 Federal Aviation Administration DOT, 800 Independence Avenue, S.W. Washington, DC 20591

6 July 1987

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Prepared By:

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# FAA AIR TRAFFIC CONTROL OPERATIONS CONCEPTS VOLUME IV: TAAS TERMINAL CONTROLLERS

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#### LIST OF EFFECTIVE PAGES

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A-13 thru A-20	O	A-114	1	D-24 thru D-25	Ο
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A-25 thru A-26	Ο	A-119	1	D-38 thru D-39	О
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A-28 thru A-29	0	A-122 thru A-123	1	D-41	О
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A-39 thru A-46	O	A-132	1	F-1 thru F-126	1
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A-52 thru A-56	О	B-3 thru B-11	1		
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Upon receipt of changes to this volume, remove superceded pages and replace with the appropriate change page. Below is a list of the formal changes detailed above and the effective date of each.

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#### **FOREWORD**

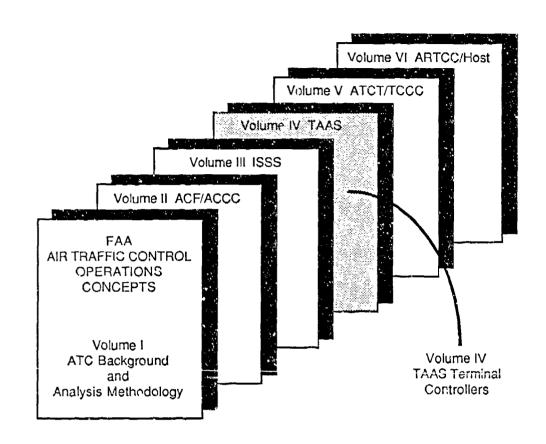
This document constitutes Volume III of a series of volumes which collectively define Air Traffic Control (ATC) Operations Concepts for the Federal Aviation Administration (FAA). This series was developed specifically to support the Advanced Automation System (AAS) and considers operations in today's facilities and the automated capabilities planned for the AAS in order to reach an understanding of how controller and other operational jobs will be performed as AAS evolves.

The AAS will provide enhanced capabilities to support operational ATC personnel in the en route, terminal, and tower environments; include automated capabilities to process and display surveillance data (targets, tracks, and weather), flight data, and environmental and status data, to assist the controller in maintaining a safe, orderly, and expeditious flow of traffic; provide supervisory and maintenance data and controls; and include message entry, information processing, and display outputs adaptable to the requirements and individual preferences of each controller. Ultimately, the AAS advanced automation features are expected to improve productivity by providing controllers with various strategic planning capabilities, while relieving controllers of certain routine control actions.

Evolution from the current system to the full AAS environment will progress through several major stages. This multi-volume series provides ATC personnel the Operations Concepts for selected operational positions in these different stages of AAS evolution. Volume: currently consist of the following:

- <u>Volume I. ATC Background and Analysis Methodology</u> includes material common to all Operations Concept analyses in subsequent volumes, and defines analysis concepts used in those volumes.
- <u>Volume II, ACF/ACCC Terminal & En Route Controllers</u> addresses the domestic en route and terminal controller in the full AAS with Automated En Route Air Traffic Control (AERA) I capabilities.
- <u>Volume III, ISSS En Route Controllers</u> addresses the domestic en route controller in the Initial Sector Suite System (ISSS) environment.
- <u>Volume IV, TAAS Terminal Controllers</u> addresses the terminal controller in the Terminal Advanced Automation System (TAAS) environment.
- <u>Volume V. ATCT/TCCC Tower Controllers</u> addresses the tower controller in the Tower Control Computer Complex (TCCC) environment.
- <u>Volume VI, ARTCC/Host En Route Controllers</u> addresses today's domestic en route controller in the Air Route Traffic Control Center (ARTCC)/Host environment.

Future volumes addressing other AAS phases and/ or operational positions will be published as required. The volumes currently identified are represented in the illustration (page vi).



FAA Air Traffic Control Operations Concepts Volumes

Volume I provides a brief overview of the current ATC environment and planned enhancements, as well as descriptions of the analysis methodology used to produce the operations concepts of subsequent data volumes. Volume IV focuses on terminal controller operations in the Terminal Radar Approach Control (TRACON) of the Terminal Advanced Automation System (TAAS). It considers operations in today's facilities and the TAAS automated capabilities planned for AAS, in order to reach an understanding of how controller jobs will be performed within the TAAS.

Each of the other data volumes focuses on one or more operational positions in a particular type of ATC facility at a specified stage of AAS development. Each of these data volumes is an operations concept describing how controllers will perform their operational duties, given the support of the automated capabilities provided at the specified stage of AAS development.

Configuration control procedures have been developed to ensure that operational requirements data are maintained for currency, completeness, and consistency with the AAS System Level Specification (SLS). This will be accomplished via change pages whenever possible rather than republishing a new or updated volume. Substantive changes to the original volume are indicated

by a black line as shown in the margin of this paragraph. The "List of Effective Pages" (page iv) provides the current status of each page in this volume and will be updated with each subsequent change. Changes will reflect new design information and derived requirements resulting from design maturity, changes in specification requirements, and the impact of other AAS programs such as the Voice Switching and Control System (VSCS).

The value of these results rests heavily upon contributions of those active in and familiar with the present system and knowledgeable in the planned ACCC system of the future. The authors wish to express their thanks to the following members of the Sector Suite Requirements Validation Team (SSRVT) who, in addition to providing much valuable time and insight into operational matters, also provided detailed review and validation of the original contents of this volume:

#### NAME

Richard Banks
Don Dunn
Marty Lilly
Terry Schomburg
Jim Sheely
Kathy Vargo
John Williams

#### **FACILITY**

Denver TRACON
Sacramento TRACON
New York TRACON
Waterloo ATCT
Charlotte ATCT
Flint ATCT
Portland ATCT

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#### **SECTION 1**

#### INTRODUCTION

#### 1.1 PURPOSE

This volume portrays the operational actions of terminal controllers in the TAAS environment from the controller's viewpoint. Volume IV includes an introduction (Section 1), brief supplementary information to Volume I pertaining to the analysis methodology used for TAAS terminal controllers (Section 2), and a series of appendices presenting the data developed through the present analysis.

#### 1.2 ANALYSIS METHODOLOGY

Section 2 of this volume discusses special features of the analysis methodology that are applicable to the Operations Concept for TAAS terminal controllers. A detailed discussion of the analysis methodology is found in Volume I, Section 3.

The focus of the methodology is on the interaction between the controller and the automated system; however, controller tasks involving no interaction with the system are included where appropriate. The analysis excludes non-operational tasks such as administrative tasks and tasks related to training. Non-FAA controllers are not addressed.

Each ATC facility exhibits unique features. The amount and composition of the workload varies significantly from one facility to the next, and varies within a particular facility over time. Tasks that are performed frequently in one facility may be rare in another. Therefore, this analysis addresses a "generic" terminal facility, where the analysis is broad enough to capture all significant controller tasks performed in the Terminal Advanced Automated System. Tasks performed very infrequently by a typical controller are omitted, unless they are of overriding criticality when they occur.

Approach and Departure controllers are analyzed together, as though they were one position, because they work as a terminal unit. Similarly, the satellite controller and coordinator positions are integrated into the position for this analysis.

#### 1.3 APPENDICES

Data developed through the present analysis are contained in the following series of appendices to this volume and parallel the methodology discussion of Volume I, Section 3:

- Appendix A: Composition Graphs
- -- Appendix B: Task Statements and Event to Sub-Activity Trace
- Appendix C: User Interface Language

- Appendix D: Task Characterization Analyses
  - Task Information Requirements
  - Cognitive/Sensory Attributes
  - Performance Requirements
  - Deleted
- Appendix E: Task Element Statements
- Appendix F: Traceability Tables
- Appendix G: Site Visit Information
- Appendix H: Expanded Operational Scenarios

#### 1.4 ASSUMPTIONS

The assumptions for this analysis are as described in Volume I, Section 1.5. No new assumptions are identified.

#### 1.5 DOCUMENT INTERFACE

The Operations Concept Analysis contained in this volume was developed from the methodology defined in Volume I. Thus, Volume I is necessary for full understanding of the analysis methods used to develop the data in this volume, and the following Volume I appendices should be referred to for topical material relevant to the present analysis:

- Appendix A: Air Traffic Events
- Appendix B: Baseline Operational Scenarios
- Appendix C: Verb Glossary (Task, Element)
- Appendix D: Glossary of Terms
- Appendix F: ATC Task Element Modules
- Appendix G: References
- Appendix H: Acronyms

Reference citations in this volume are to references reported in Volume I, Appendix G. Reference numbers are given between brackets [ ].

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#### SECTION 2

#### METHODOLOGY

#### 2.1 GENERAL PROCESS

The analysis of the TAAS terminal position essentially followed the order in which the methodology is described in Volume I, Section 3. It is based upon and derived from the ACF/ACCC en route and terminal controller Operations Concept reported in Volume II of this series. The present analysis is to the AAS System Level Specification (Draft), Acquisition Phase [21] dated 28 August 1987.

New and revised tasks appropriate to the TAAS were identified in the System Level Specification and added to the ACF/ACCC Composition Graphs of Volume II. These are inserted in appropriate locations on the position's sub-activity Composition Graphs of Appendix A. ACCC tasks not included in TAAS and AERA 1 tasks are deleted, as are tasks or portions of tasks focusing upon purely en route control operations. All graphs were subjected to thorough review for completeness and logic, with some new tasks identified as being warranted. The resultant tasks and a trace of each sub-activity to specific ATC events are presented in Appendix B.

Controller input messages and display output messages are updated to the System Level Specification [21]. These results are incorporated in the TAAS User Interface Language (UIL) of Appendix C.

Characterizations of each TAAS task are accomplished in terms of task type, information requirements, frequency and criticality ratings, cognitive/sensory attributes, performance criteria, and interaction techniques. These are reported in the three task characterizations of Appendix D. Information requirements are updated to the current User Interface Language of Appendix C.

Each task is decomposed to its constituent procedural steps and actions. These actions, called "elements," represent the lowest level description of controller-machine interaction with respect to system-level requirements. The TAAS Task Element tables are contained in Appendix E.

Traceability is maintained between operational TAAS tasks and specific system requirements documented in the AAS System Level Specification [21]. The results of this trace, along with a report of "orphan" tasks not traced to the system requirements, is located in Appendix F.

The baseline terminal operational scenarios reported in Volume I, Appendix B, are expanded to reflect the operational tasks involved in each. Thus, they present operational solutions to the problems posed in the baseline terminal scenarios. These are recorded in Appendix H.

The TAAS sub-activity Composition Graphs, task data, characterizations, elements, and operational scenarios originally were subjected to review and validation by system users, as represented by terminal control personnel on the Sector Suite Requirements Validation Team.

#### 2.2 SPECIAL METHODOLOGICAL FEATURES

For this generation of the Operations Concept there were no new site visits. Previous site visits and controller interviews had been accomplished in producing the original Operations Concepts for terminal and en route controllers [2, 6]. The procedural emphasis for the present volume was upon information reported in the System Level Specification [21] and reviews of task and data revisions by system users. Appendix G, therefore, reports no new site information.

All task information, characterizations, elements, and requirements traces are contained in a new automated data base for more efficient updating in the future. This data base is managed by a tool called the <u>Computer-Human Operational Requirements Analysis System (CHORAS)</u> [16]. This system enhances the consistency and completeness of the Operations Concept data when changes and updates are necessary.

Additionally, CHORAS permits the rapid generation of Operational Concepts for the various AAS segments as reported in Volume III (for the Initial Sector Suite System terminal controllers), Volume IV (for the Terminal Advanced Automation System En Route controllers), Volume V (for the Terminal Advanced Automation System terminal controllers), and Volume VI (for today's Air Route Traffic Control Center/Host en route controller). Volume II (for the ACF/ACCC en route and terminal controllers) serves as the baseline for the production of these other four Operations Concepts.

The scope of a task may change from one transition state to another because changes in system functionality change how the controller performs the task, or alter what data are required to perform the task. Where this occurs, separate task numbers (from those baseline task numbers reported for ACF/ACCC tasks in Volume II) are employed even though the task statement itself may remain applicable to TAAS. For TAAS these separate numbers for altered tasks, as well as for any new tasks not included in the ACF/ACCC Operations Concept of Volume II, begin with the number 75. Otherwise, the task numbers are identical to those recorded in Volume II, to provide task traceability from one transition state to another. Task changes too small to be significantly evident at the Task Element level (Appendix E) are not renumbered.

In the TAAS environment there are some non-AAS controller input and display output messages carried over from current operations. These are not listed in the User Interface Language of Appendix C. Nor are they cited as objects in the Task Element tables of Appendix E. These non-AAS objects are noted in the Element statements using initial capital letters, but are not emphasized by underlines between words.

#### APPENDIX A

#### **COMPOSITION GRAPHS**

This appendix contains the Composition Graphs for each of the 47 sub-activities of the TAAS terminal controllers. These are grouped by six higher-level activities for the position:

A1.1	Perform Situation Monitoring
A1.2	Resolve Aircraft Conflicts
A1.3	Manage Air Traffic Sequences
A1.4	Route or Plan Flights
A1.5	Assess Weather Impact
A1.6	Manage Sector/Position Resources

Each level of decomposition is represented graphically, starting with the top-level graph of the position, showing all six activities. Activity Composition Graphs precede the set of sub-activity graphs making up that activity. There are 369 distinct tasks incorporated within the 47 sub-activity Composition Graphs.

Sub-activities are linked (in most instances) to one or more ATC events which influence the accomplishment of the sub-activity. This linkage is identified in Appendix B.

The use of symbology in the Composition Graphs is portrayed in Figure A-1. In addition to logical flow and path conditionals, the sub-activity Composition Graphs show the coordination which forms a large part of the controller's job. For each task involving coordination and communication with others, the top row of the task statement boxes is annotated with the coordination points that may apply. These may be other positions or other agencies or facilities. The task box also depicts, at the bottom row, the media by which that coordination may be accomplished. Figure A-1 also identifies the abbreviations employed for each coordination point and for each communication medium. The use of the Voice Communications (V) medium implies any voice means, either by Voice Switching and Control System (VSCS) or use of direct personto-person talking when the recipient is within hearing distance. Because a task may appear as part of more than one sub-activity, the coordination data encompass all cases; not all coordination points or media may apply in a particular sub-activity occurrence of a task, nor in all situations in which that sub-activity is performed on the job.

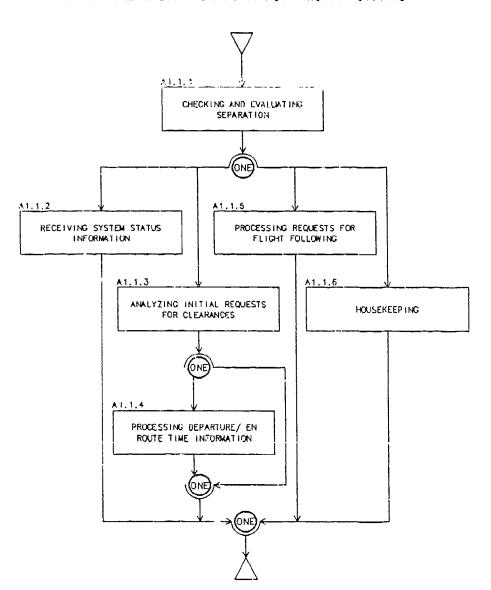
In some cases, a particular set of tasks may be relevant to many sub-activities. To simplify the graphs, these sets are designated as "macros" and a special oval symbol is defined and used to depict that entire set of tasks. This shorthand feature is used for one such macro in this analysis. This is the macro of:

A1.0.0.0, Generate Clearance Macro (comprised of selected tasks from Sub-Activity A1.4.1, Planning Clearances, and Sub-Activity A1.4.10, Issuing Clearances).

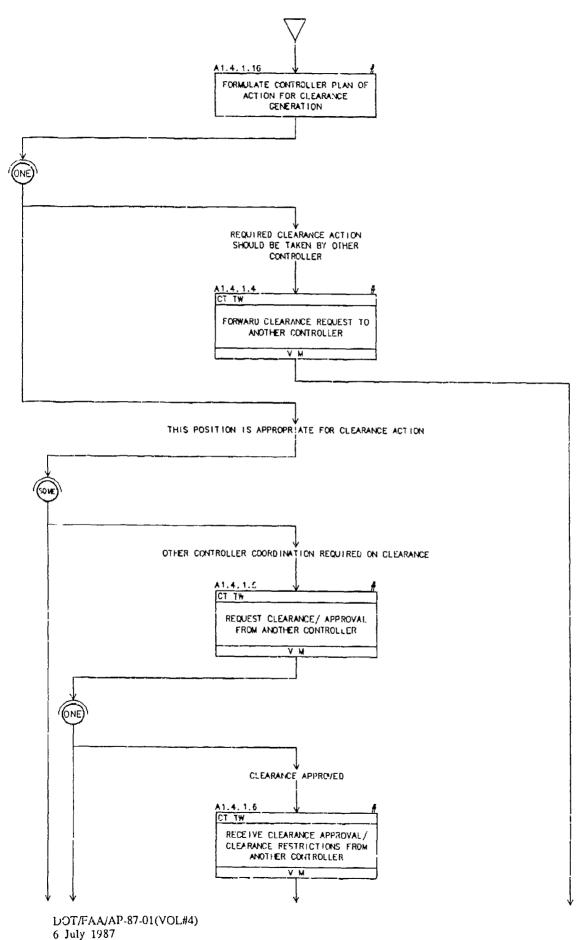
The graphing layout of this macro appears following the top-level graph of position A1 activities, and preceding the full set of activity and sub-activity Composition Graphs.

COORDINATING POSITIONS TASK STATEMENT COORDINATION MEDIA  SOME  RPT  ONE  Generate Clearance	Controller tasks, with and without coordination positions/media. Number symbol in upper right of task box indicates a task duplicated from another sub-activity.  SOME - Pe, form tasks or task sequences almost concurrently as required.  REPEAT - Perform tasks or task sequences continuously/repetitively as required  ONE - Perform only one of the alternative tasks or task sequences  START/END  GENERATE CLEARANCE MACRO	
COORD	INATION	
COORDINATING POSITIONS/AGENCIES	COORDINATION MEDIA	
CT - ISSS/TAAS Controller AS - ISSS/TAAS Area Supervisor AM - ISSS/TAAS Area Manager-in-Charge FS - Flight Sarvice Station TM - Traffic Management Coordinator MC - Military Mission Coordinator AF - Airway Facilities/ DSC MT - Meteorologist PI - Pilot TW - Tower Controller/Supervisor CF - Central Flow Control AR - Aeronautical Radio, Inc. BA - Military Base Operations CC - Other Coordination	V Voice Communication (Interphone, A/G Radio, Direct)  M ATC Mail (unstructured text messages)  F System Function Message (e.g., function key, structured text)	

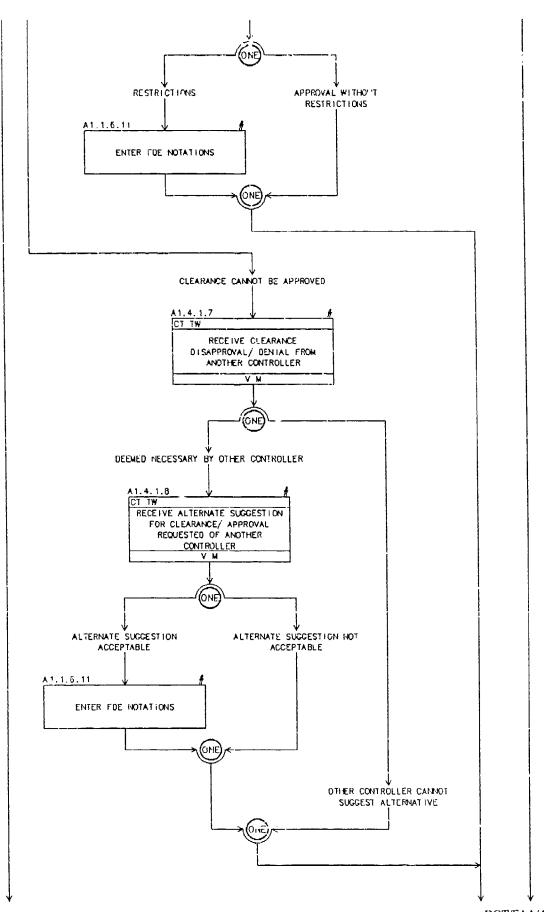
Figure A-1. Composition Graph Symbology

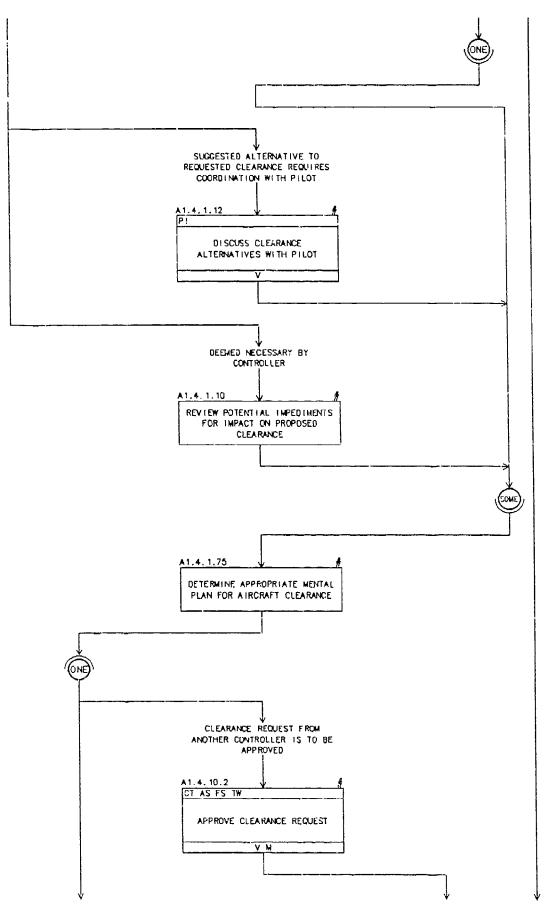


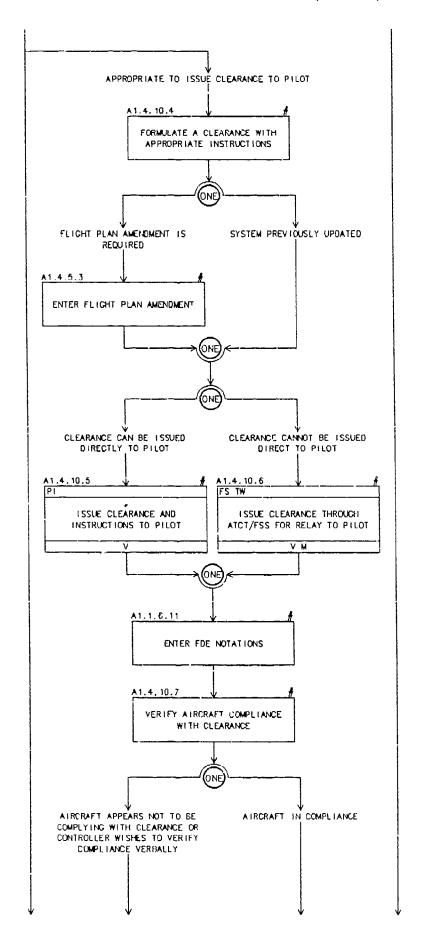
### A1.0.0.0 GENERATE CLEARANCE

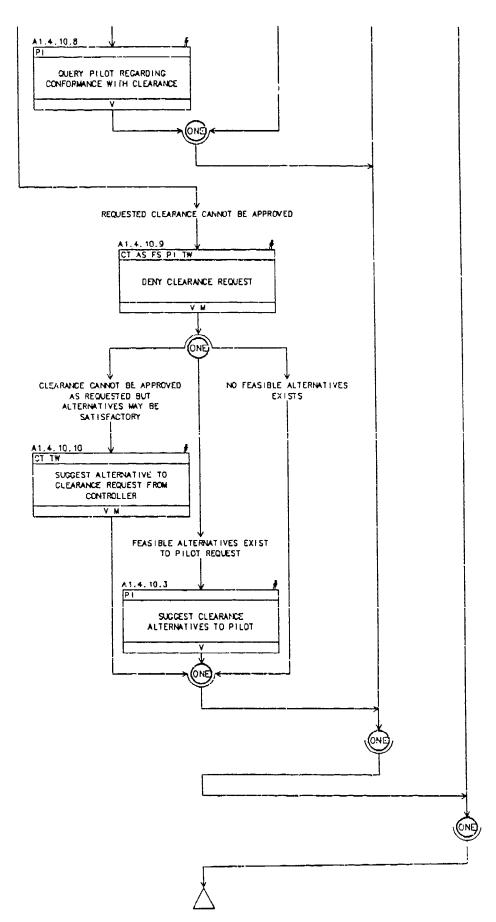


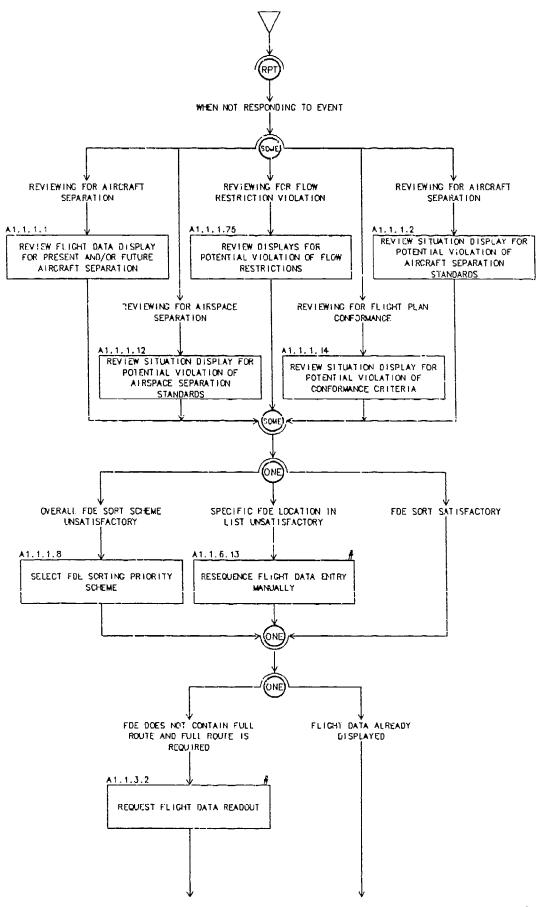
Λ-4

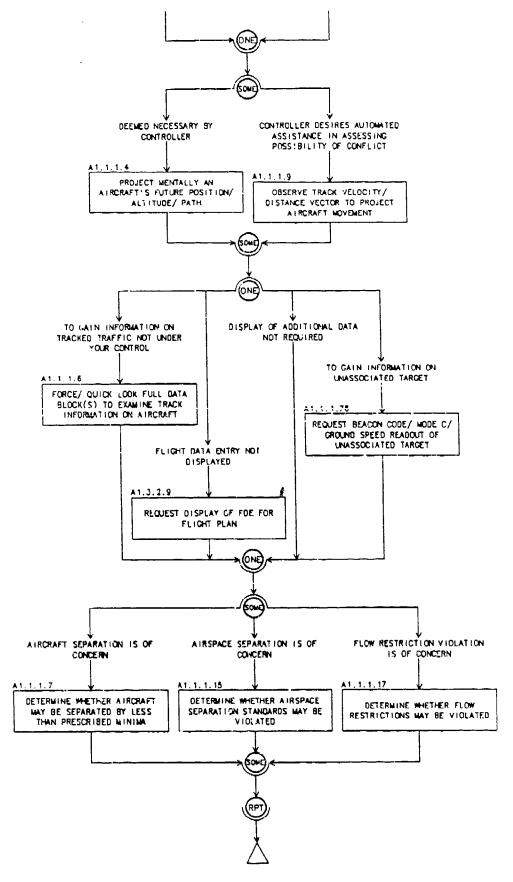


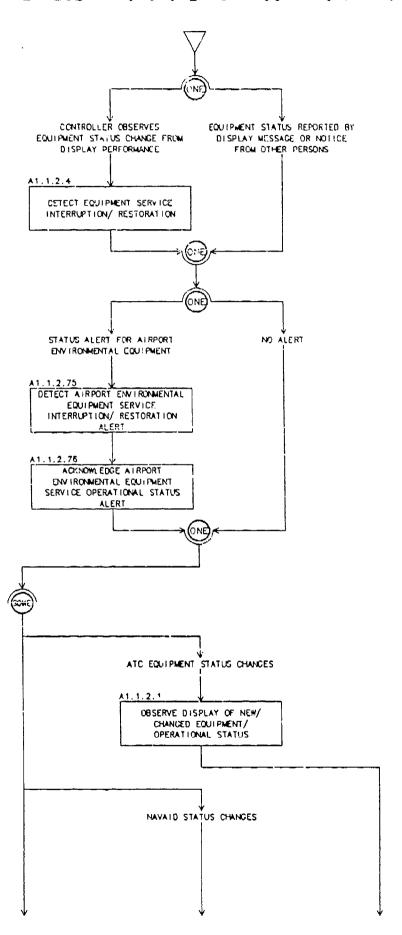


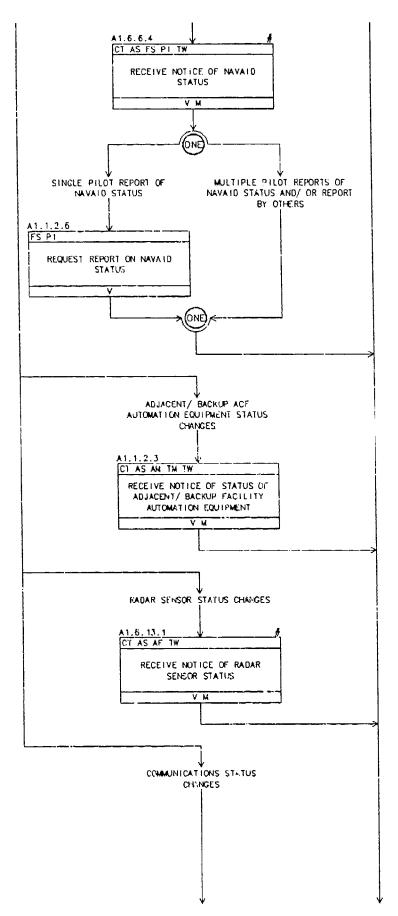




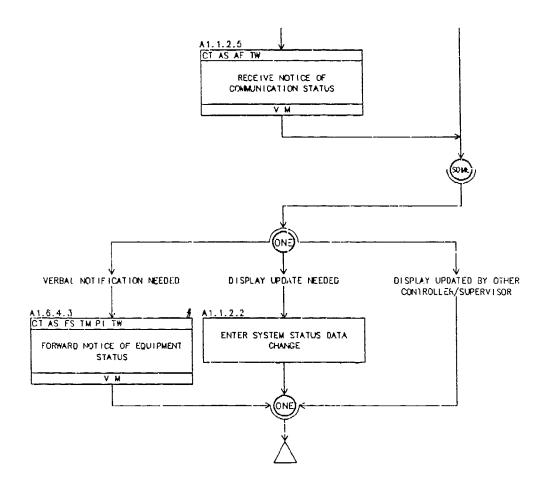


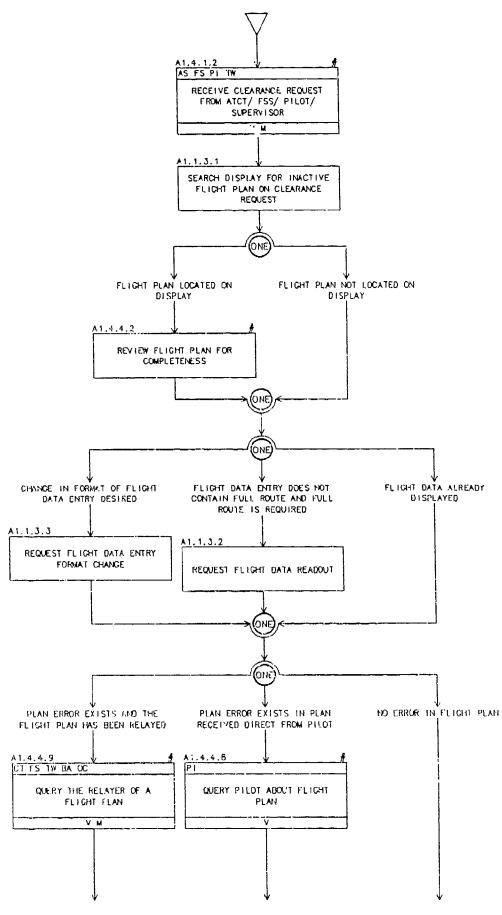




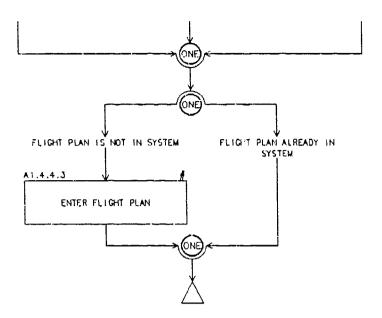


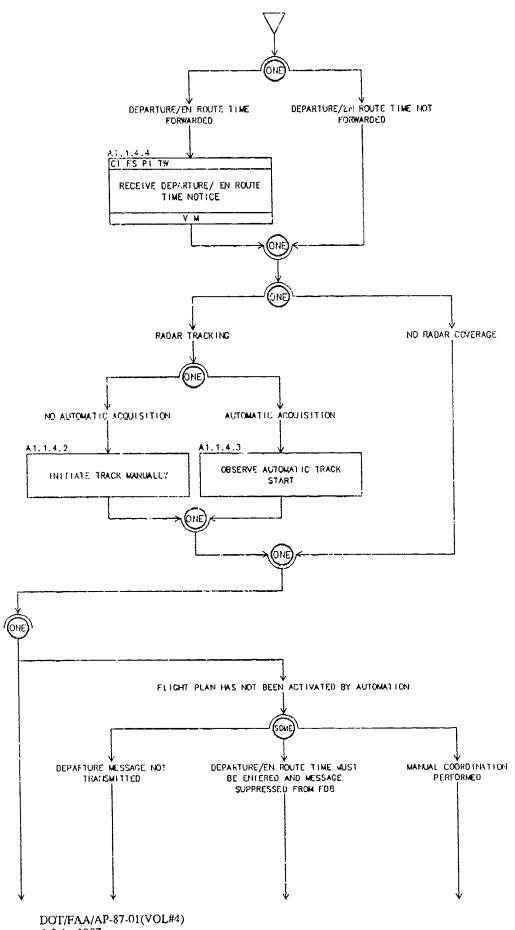
## A1.1.2 RECEIVING SYSTEM STATUS INFORMATION (cont.)



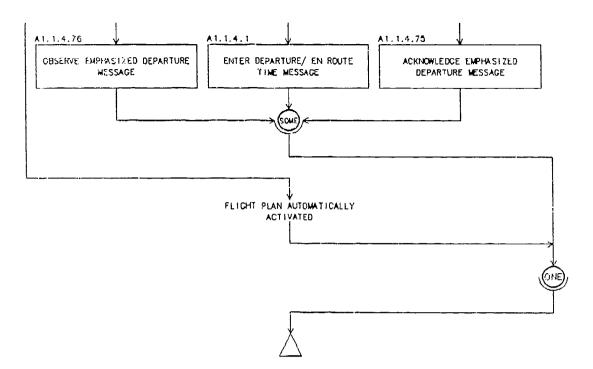


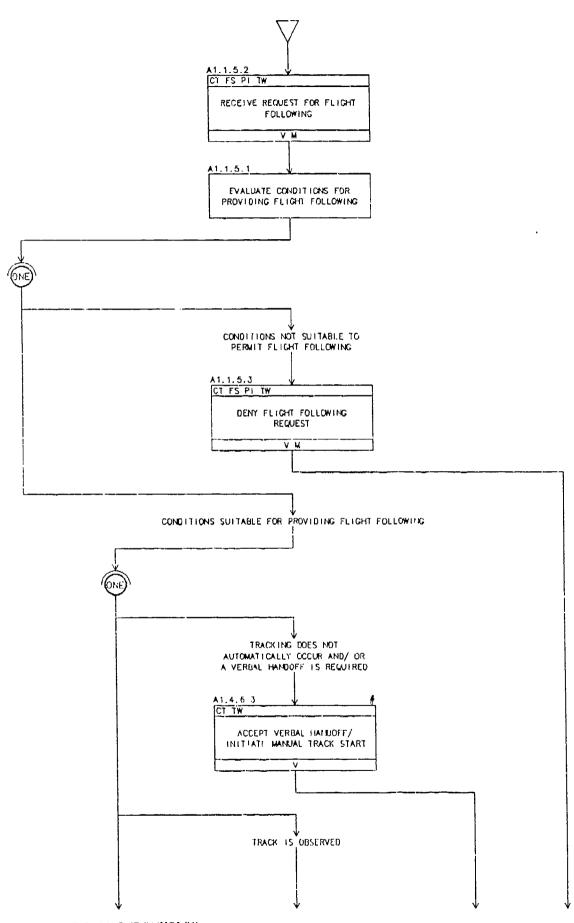
## A1.1.3 ANALYZING INITIAL REQUESTS FOR CLEARANCES (cont.)

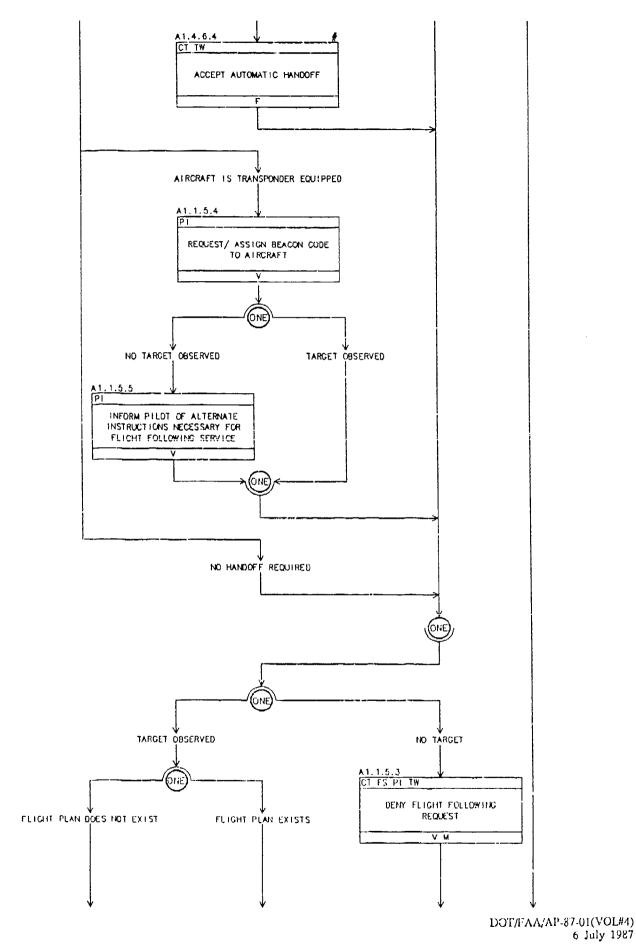




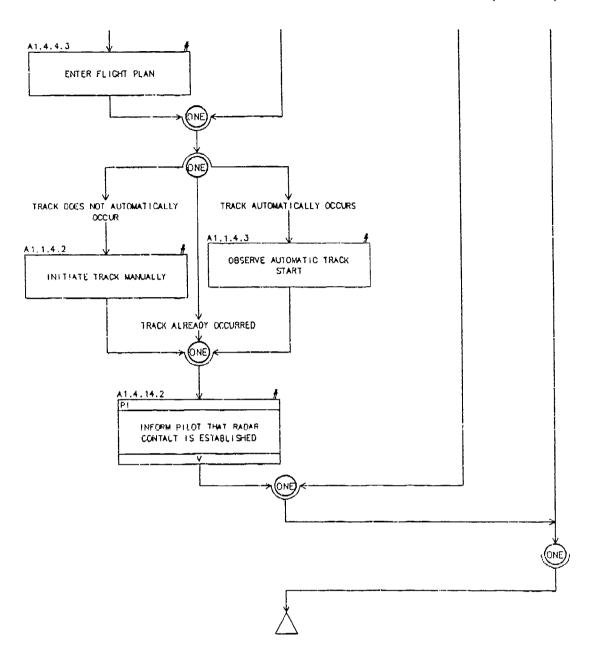
## A1.1.4 PROCESSING DEPARTURE/ EN ROUTE TIME INFORMATION (cont.) ,

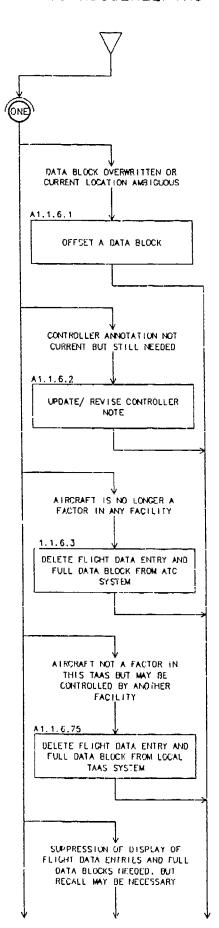


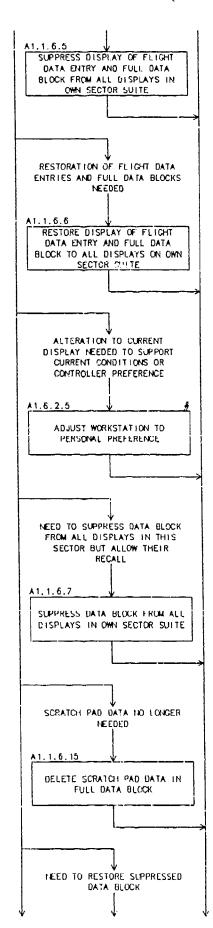


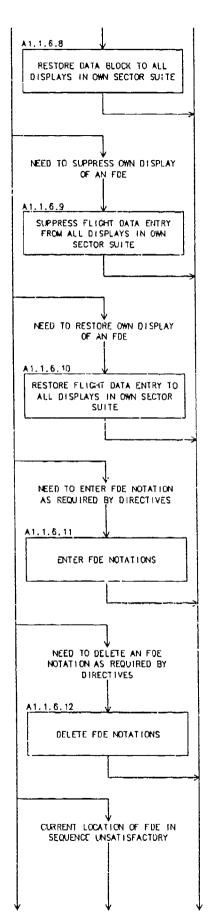


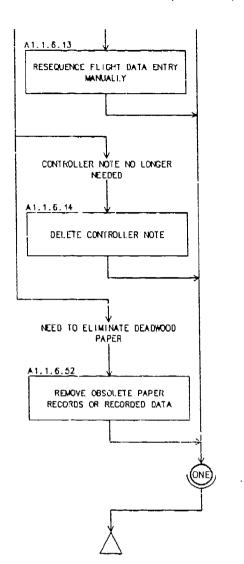
## A1.1.5 PROCESSING REQUESTS FOR FLIGHT FOLLOWING (cont.)



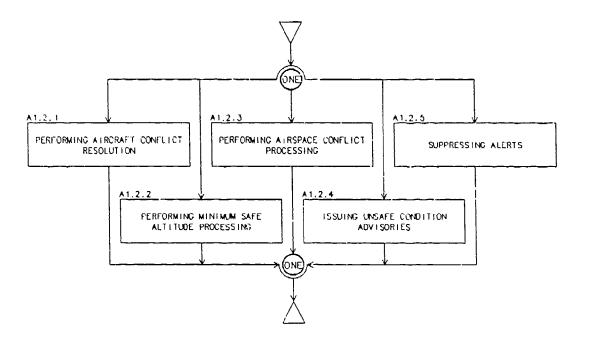


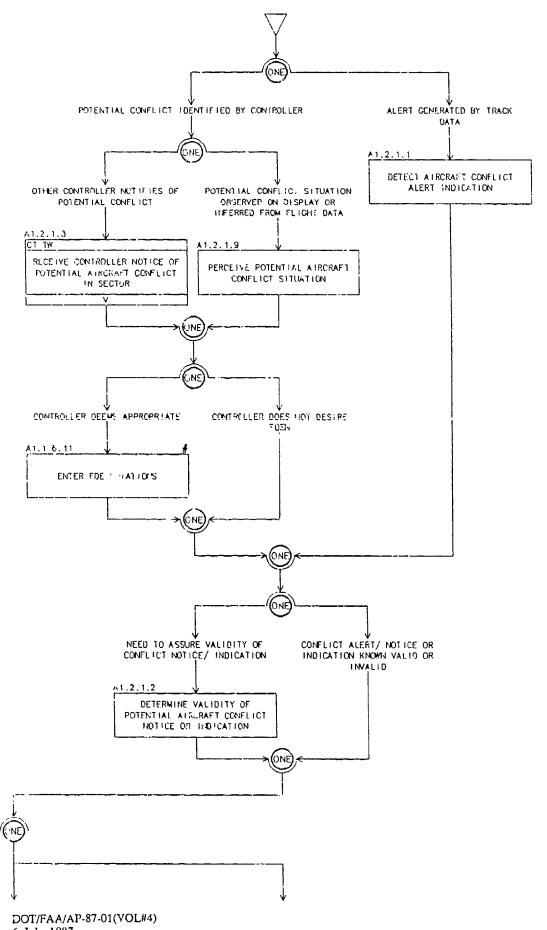


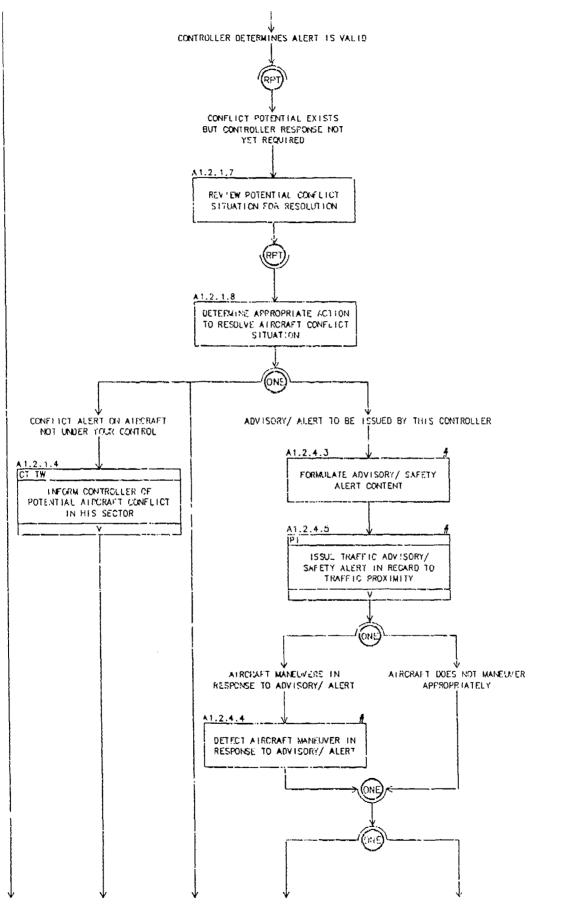




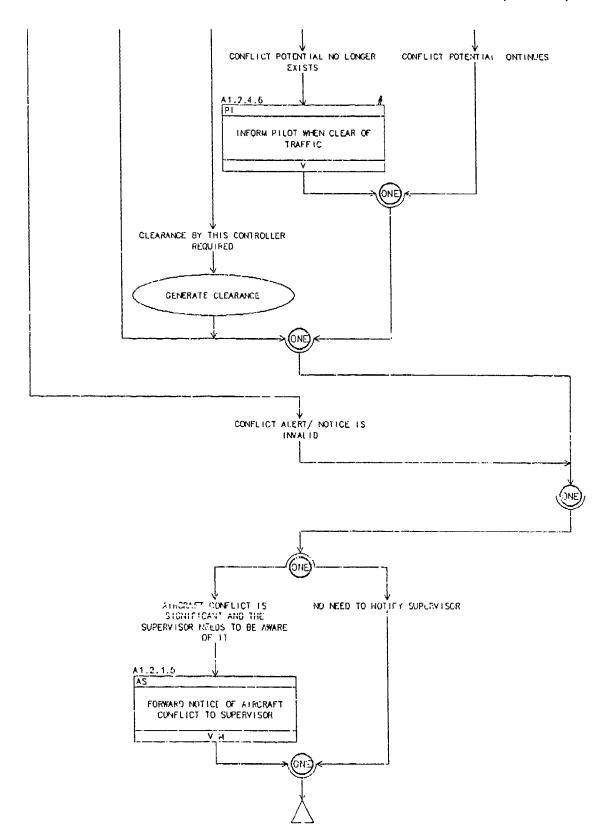
### A 1.2 RESOLVE AIRCRAFT CONFLICTS



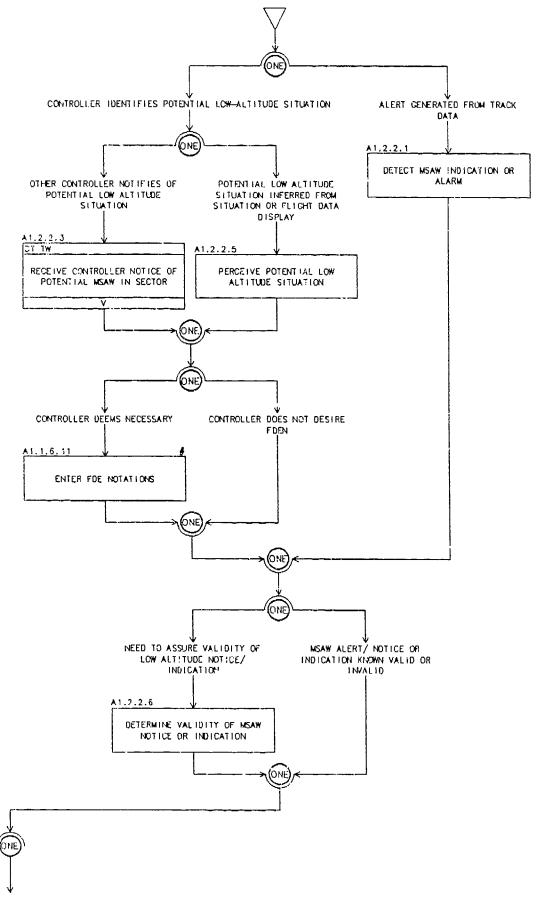


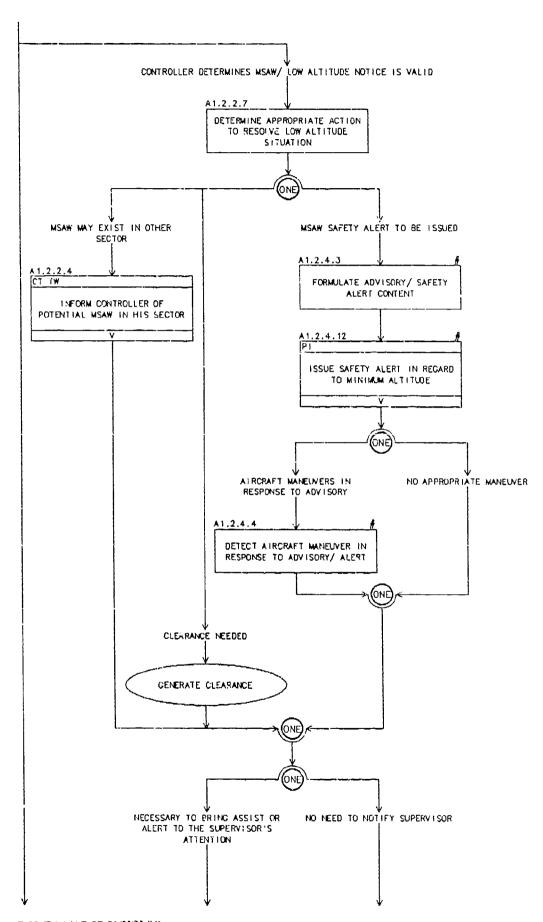


# A1.2.1 PERFORMING AIRCRAFT CONFLICT RESOLUTION (cont.)

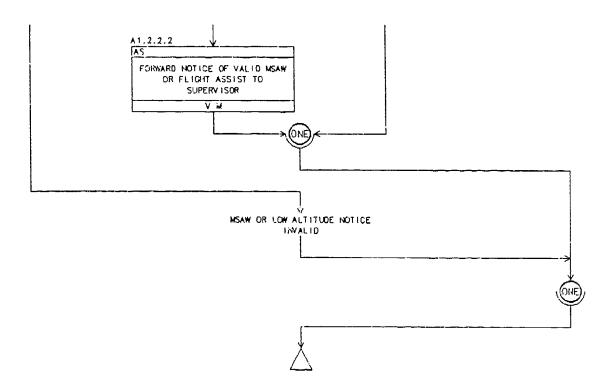


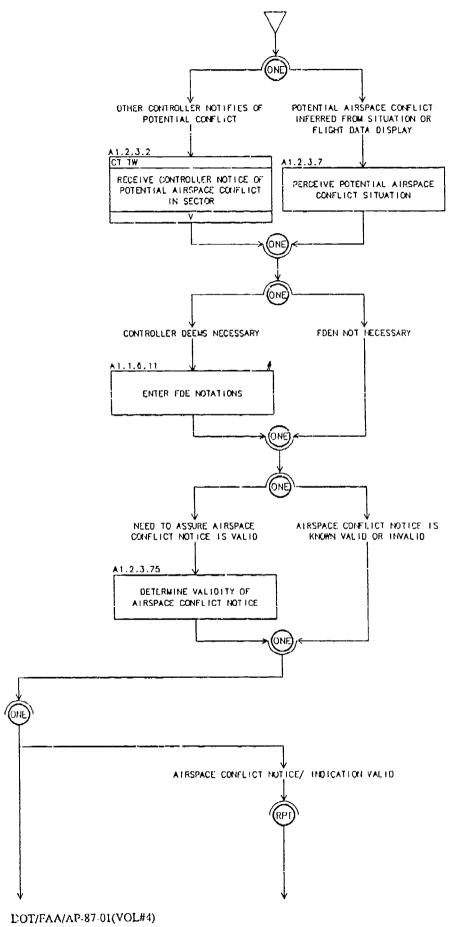




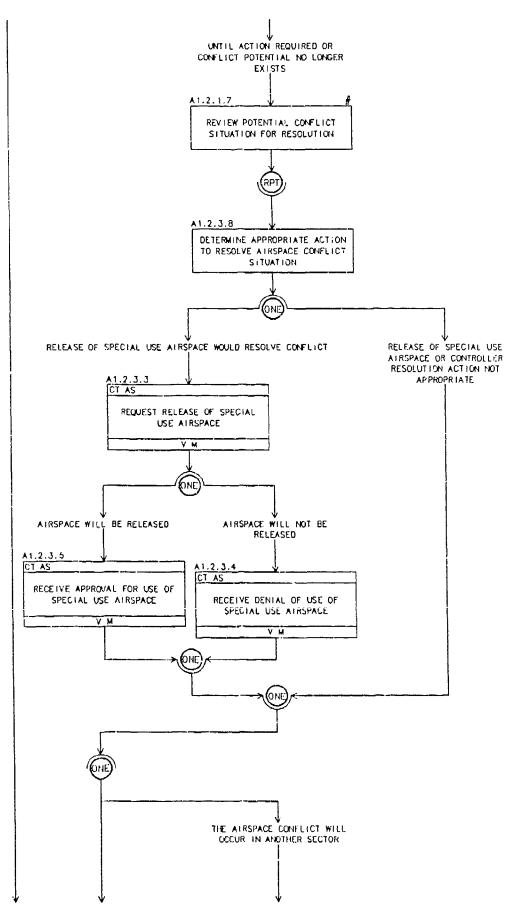


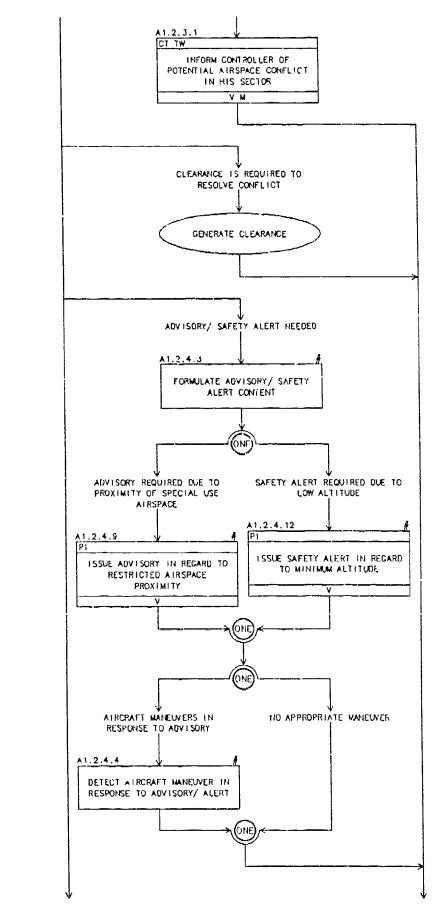
# A1.2.2 PERFORMING MINIMUM SAFE ALTITUDE PROCESSING (cont.)



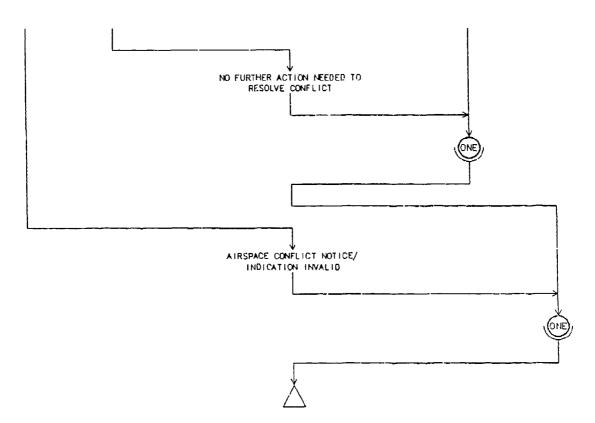


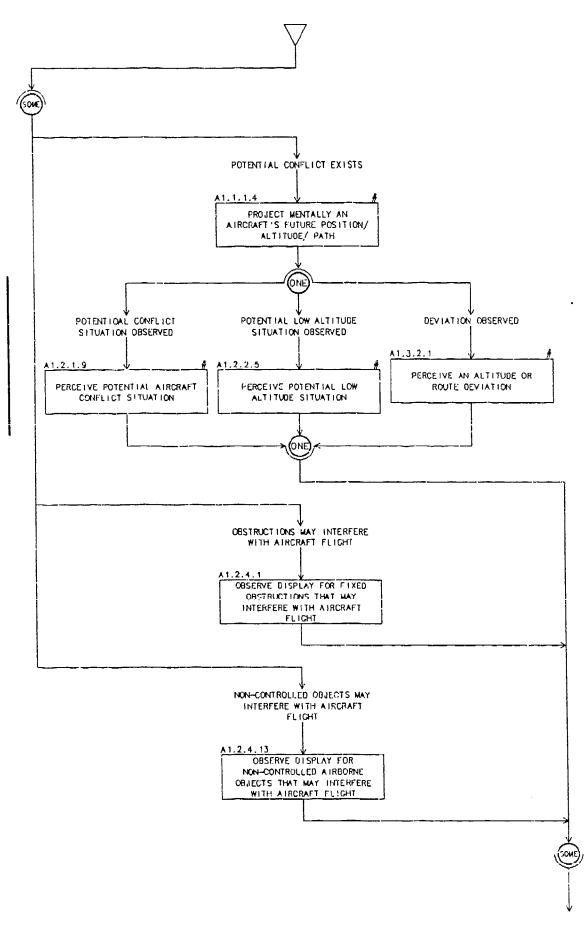
6 July 1987

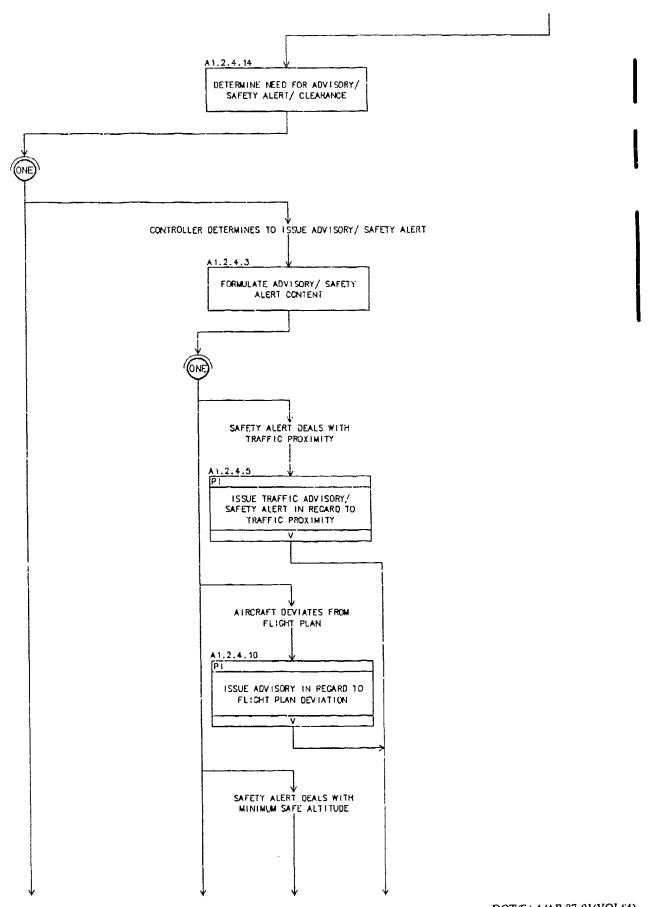


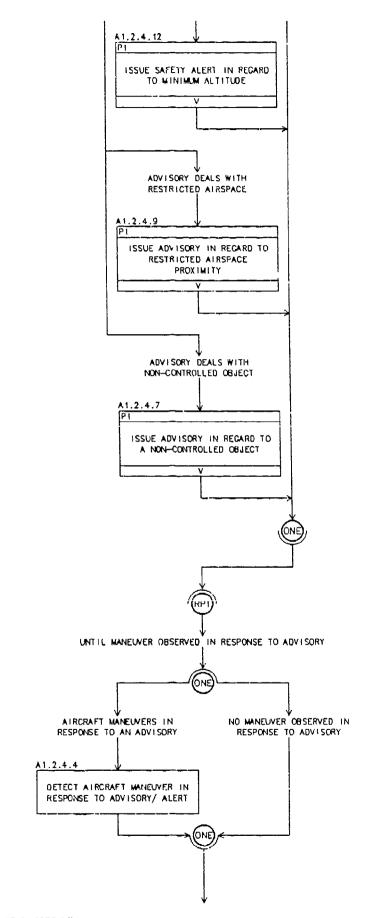


### A1.2.3 PERFORMING AIRSPACE CONFLICT PROCESSING (cont.)

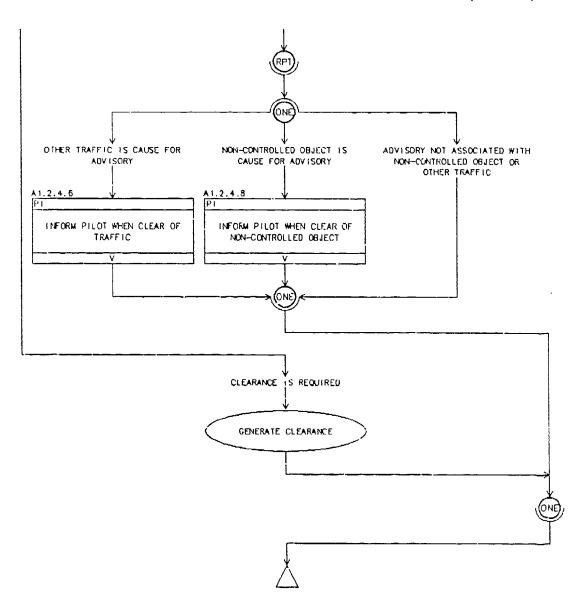


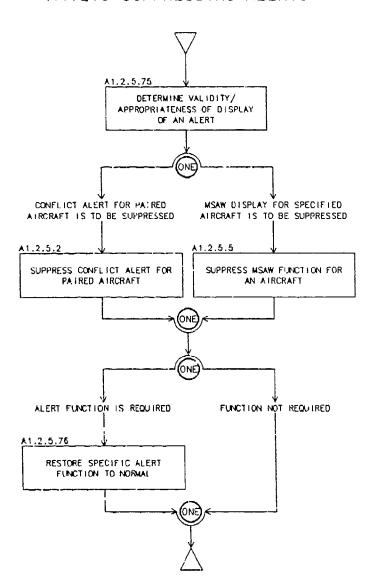


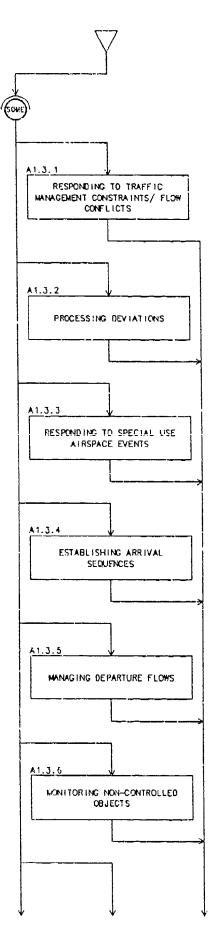




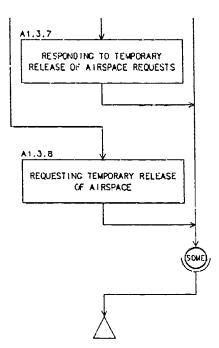
## A1.2.4 ISSUING UNSAFE CONDITION ADVISORIES (cont.)

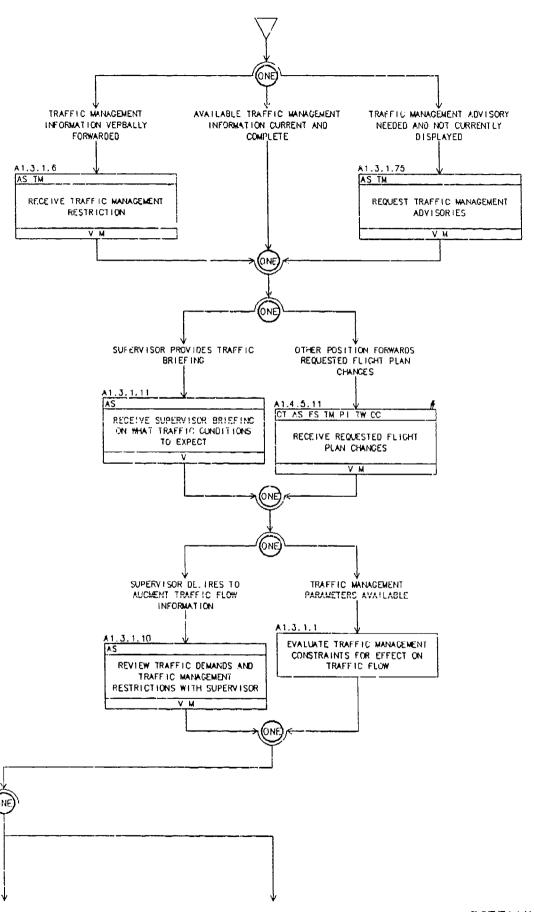


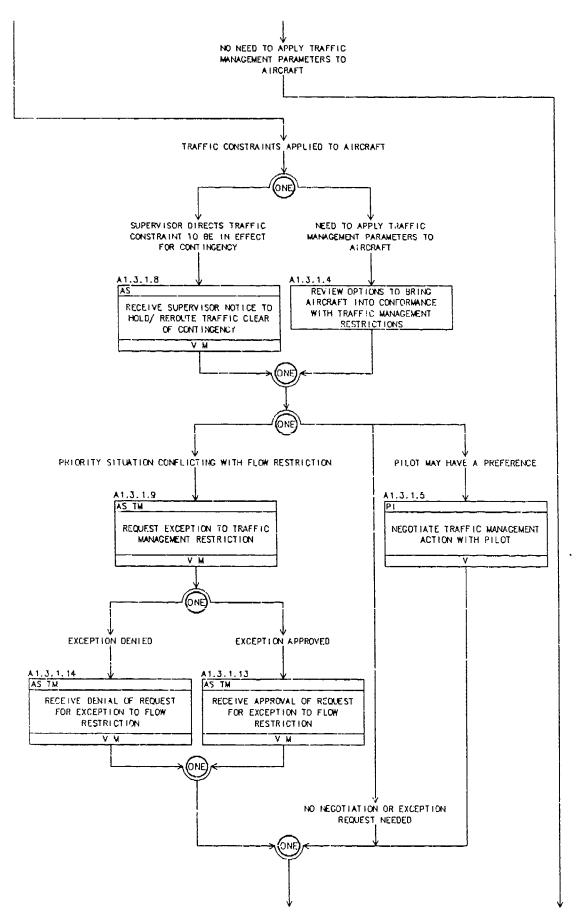


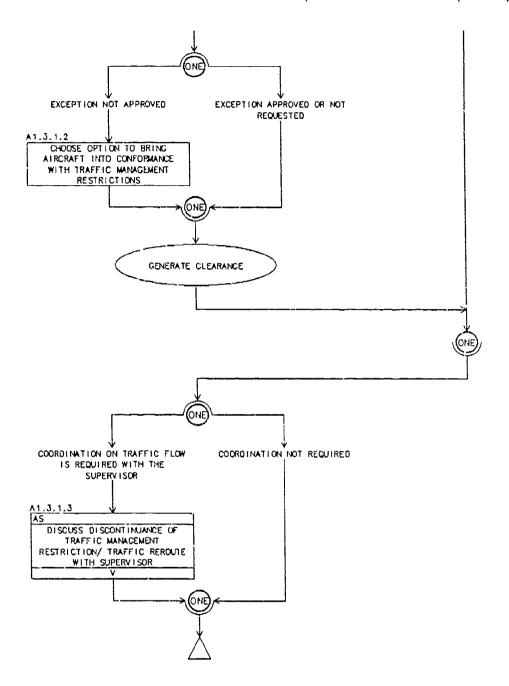


# A1.3 MANAGE AIR TRAFFIC SEQUENCES (cont.)

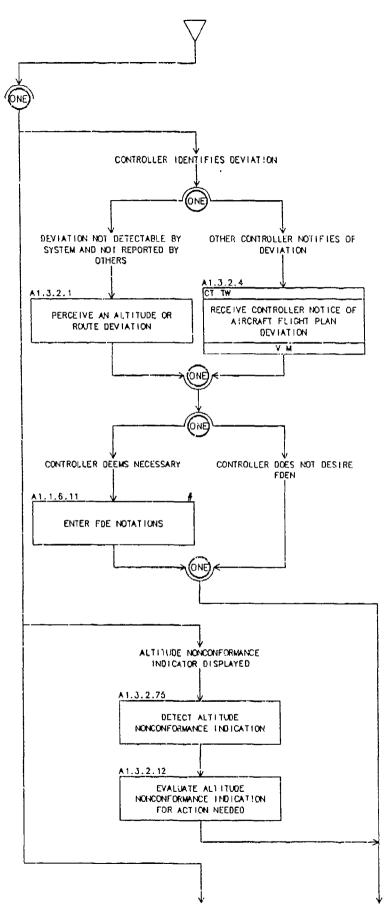




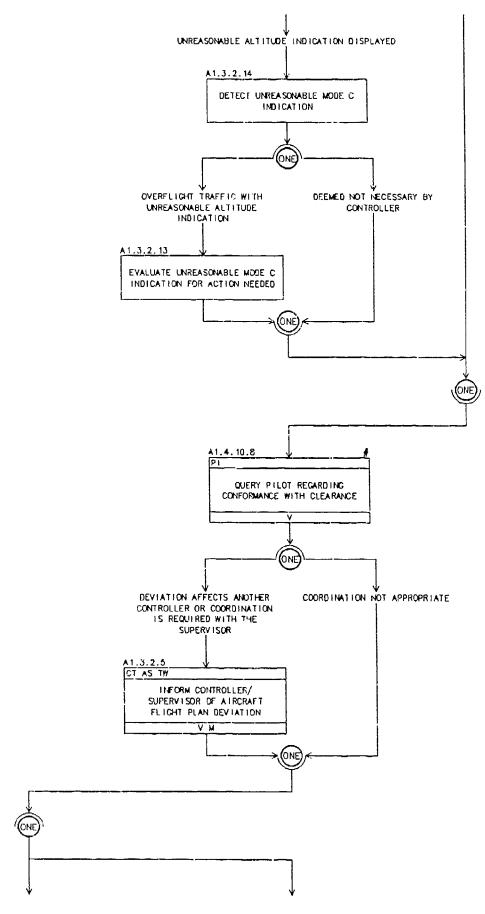




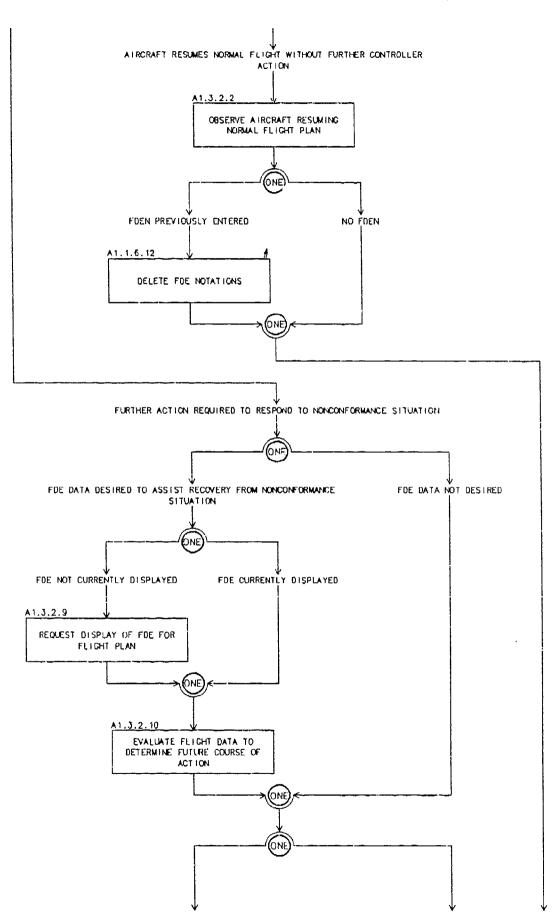
#### A1.3.2 PROCESSING DEVIATIONS



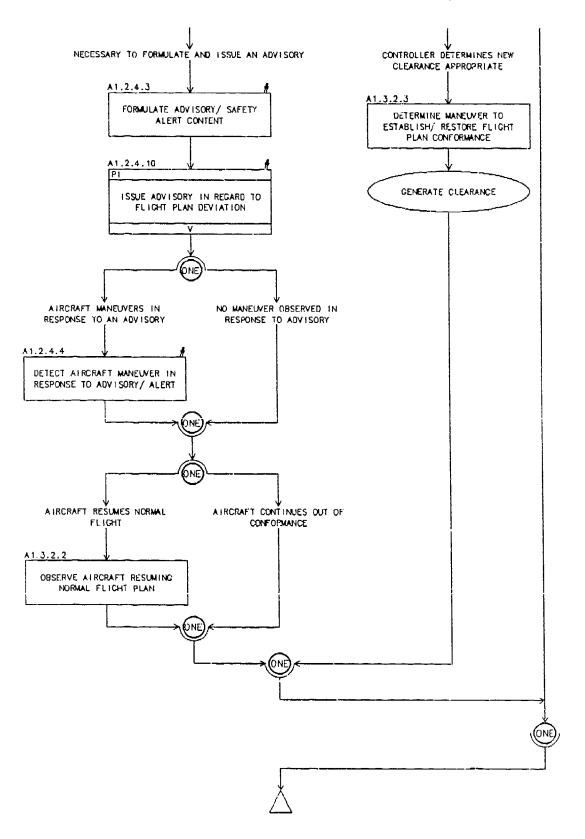
# A1.3.2 PROCESSING DEVIATIONS (cont.)

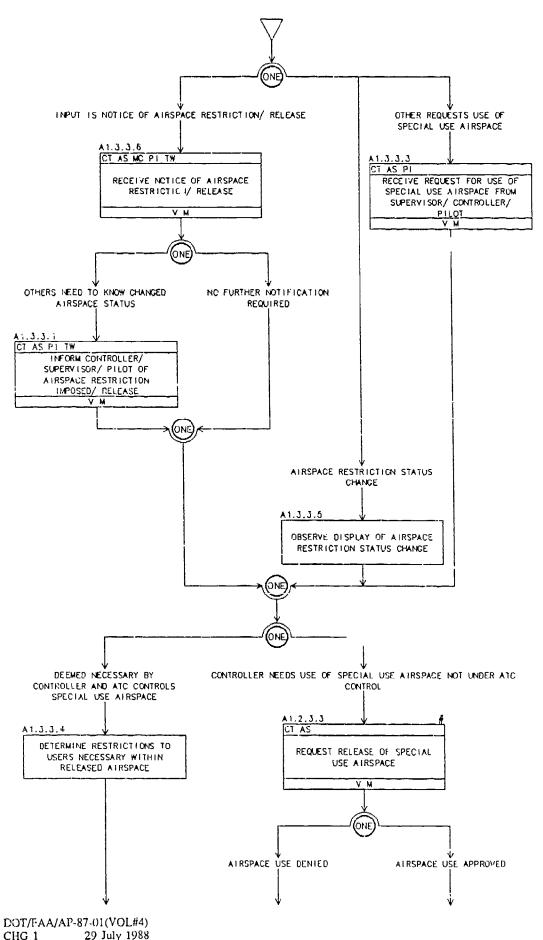


### A1.3.2 PROCESSING DEVIATIONS (cont.)

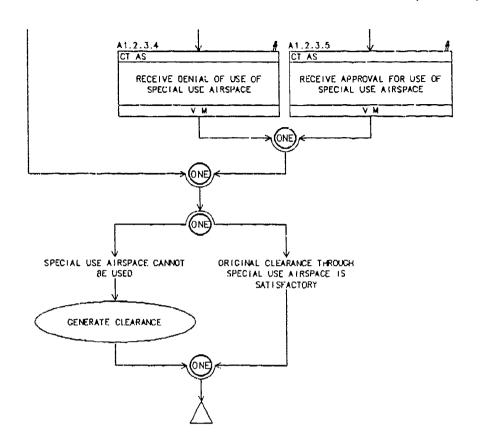


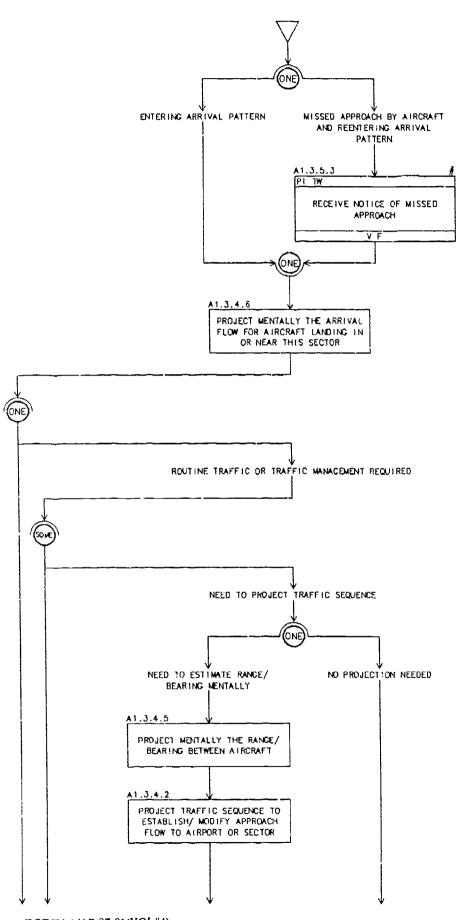
### A1.3.2 PROCESSING DEVIATIONS (cont.)



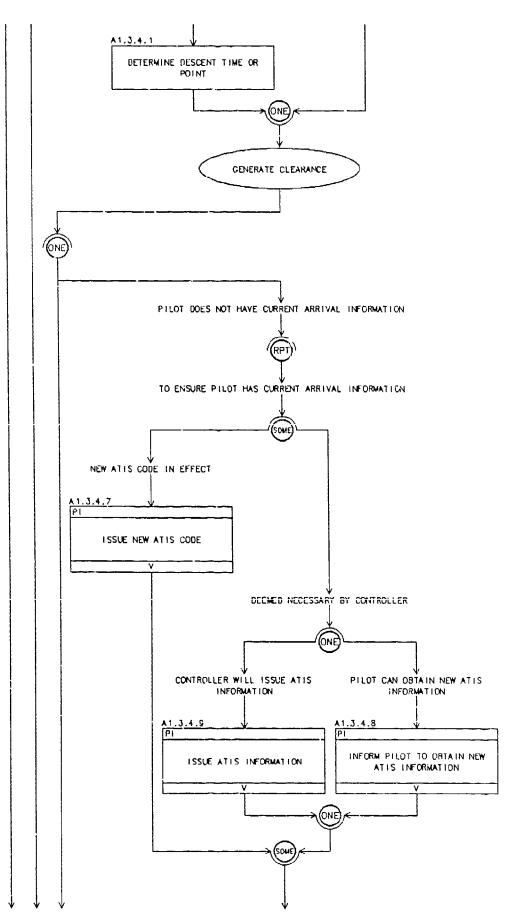


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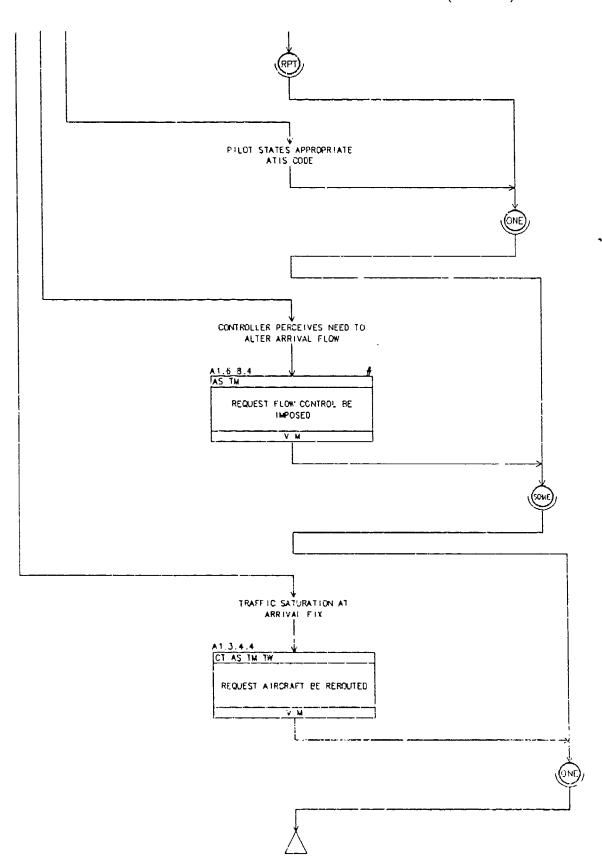


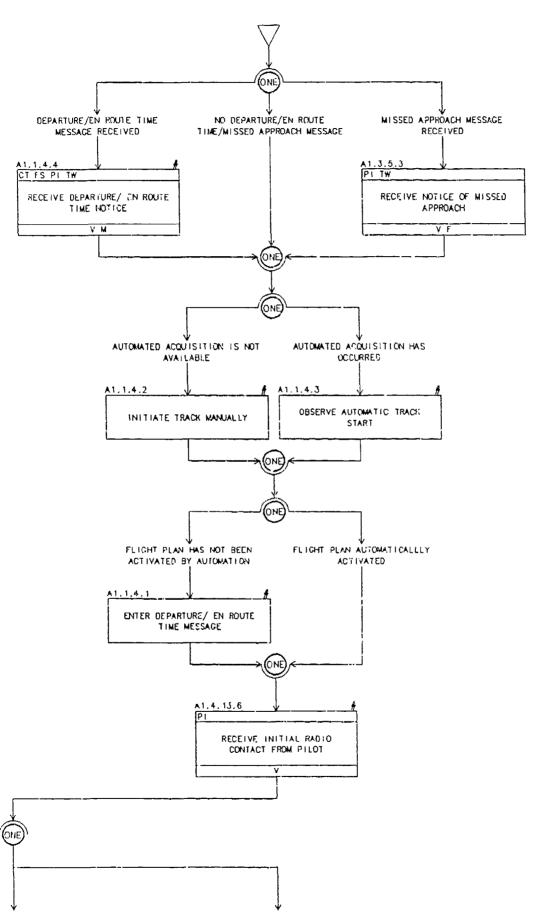


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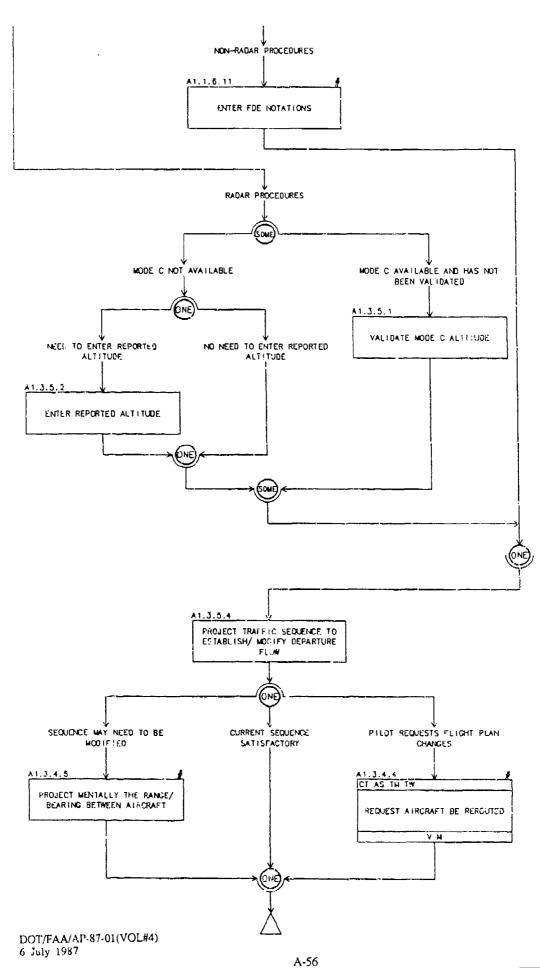


A1.3.4 ESTABLISHING ARRIVAL SEQUENCES (cont.)

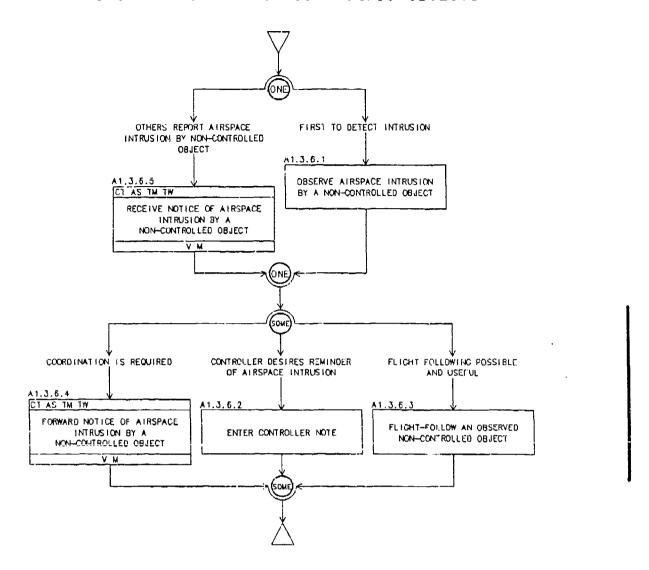


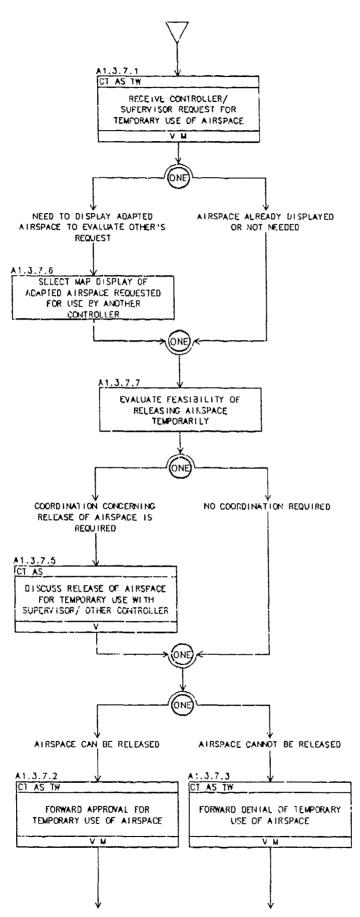


### A 1.3.5 MANAGING DEPARTURE FLOWS (cont.)

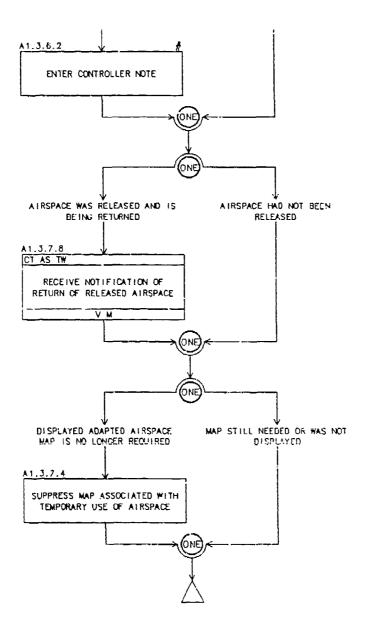


#### A 1.3.6 MONITORING NON-CONTROLLED OBJECTS

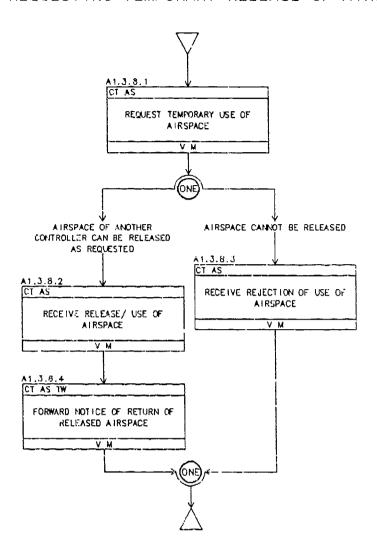


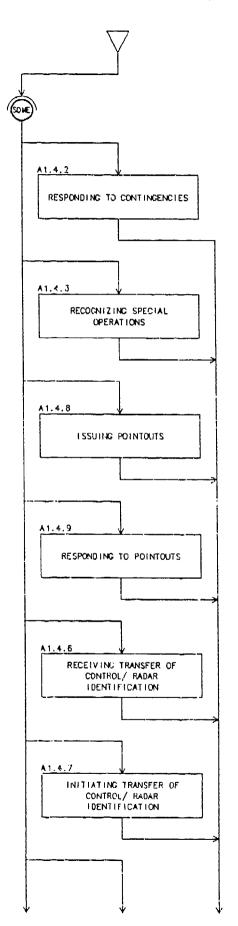


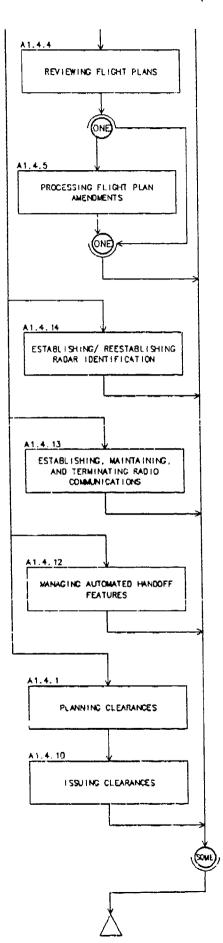
### A1.3.7 RESPONDING TO TEMPORARY RELEASE OF AIRSPACE REQUESTS (cont.)

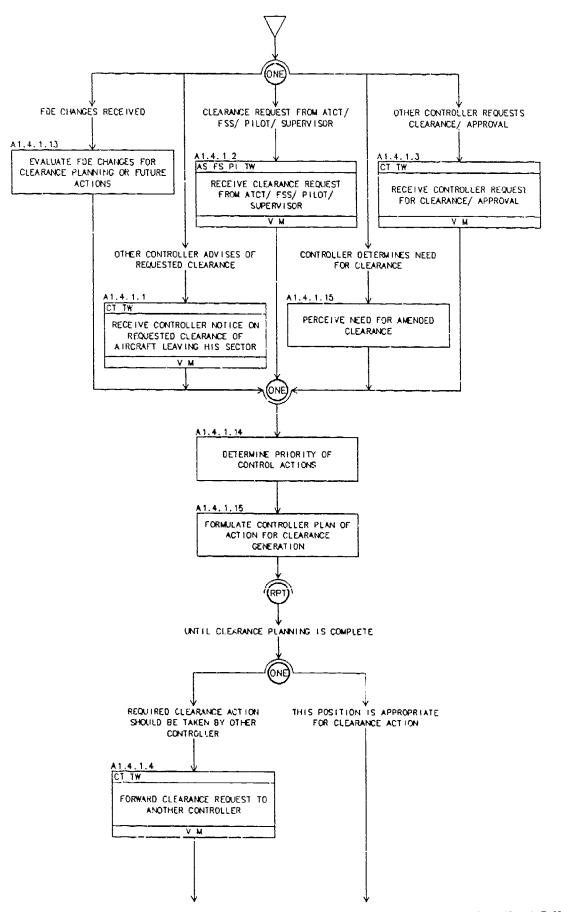


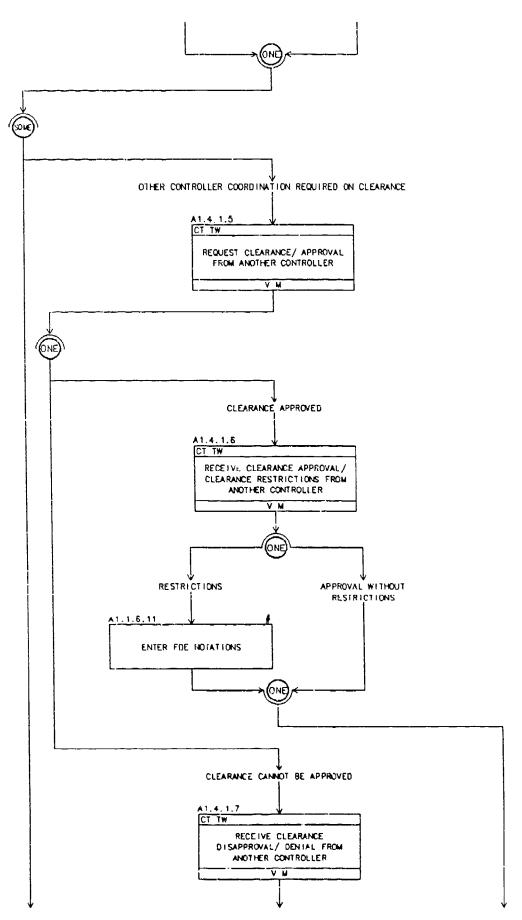
#### A1.3.8 REQUESTING TEMPORARY RELEASE OF AIRSPACE



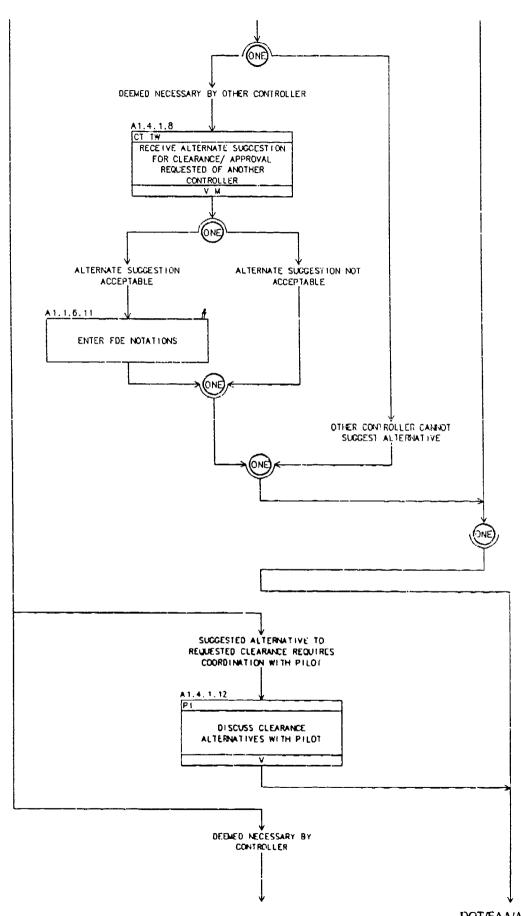




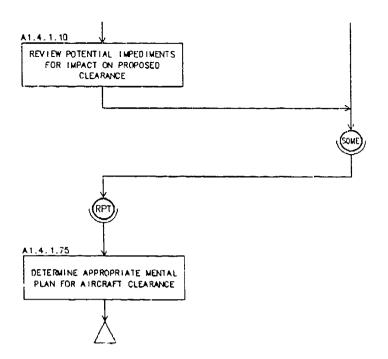


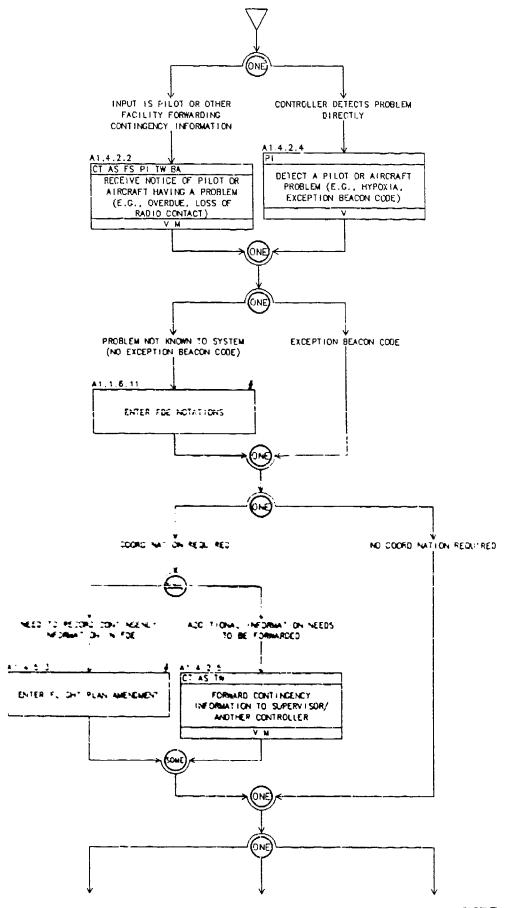


# A1.4.1 PLANNING CLEARANCES (cont.)

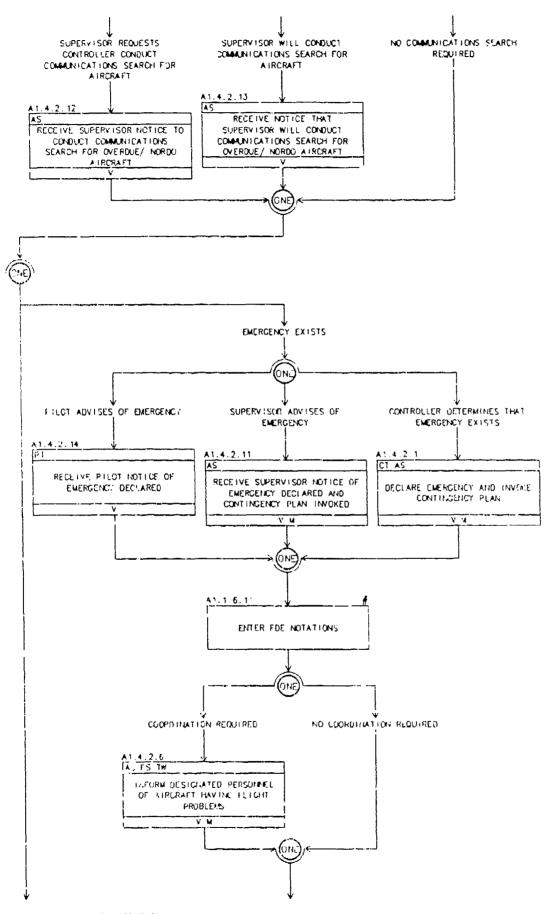


# A1.4.1 PLANNING CLEARANCES (cont.)

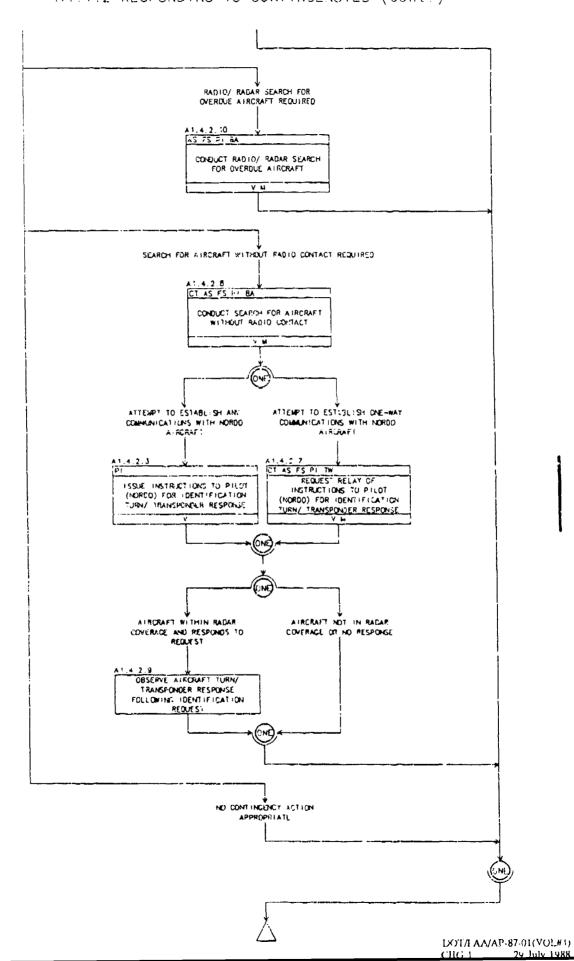


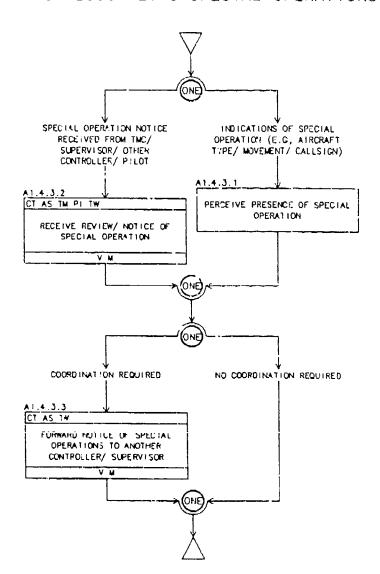


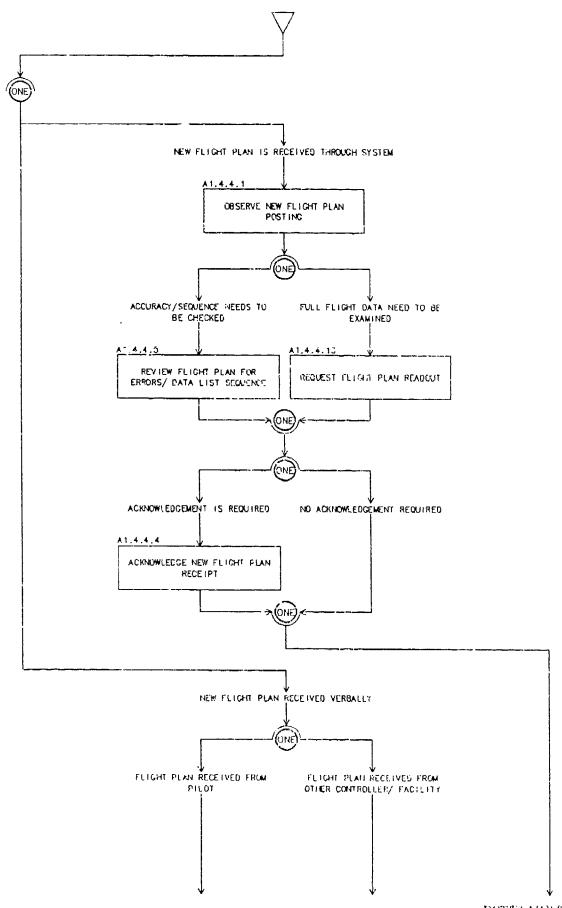
### A1.4.2 RESPONDING TO CONTINGENCIES (cont.)



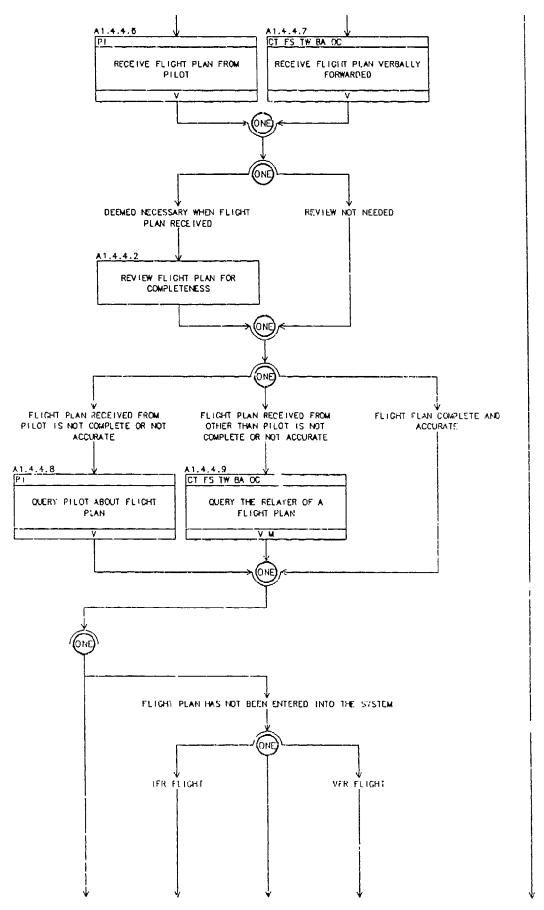
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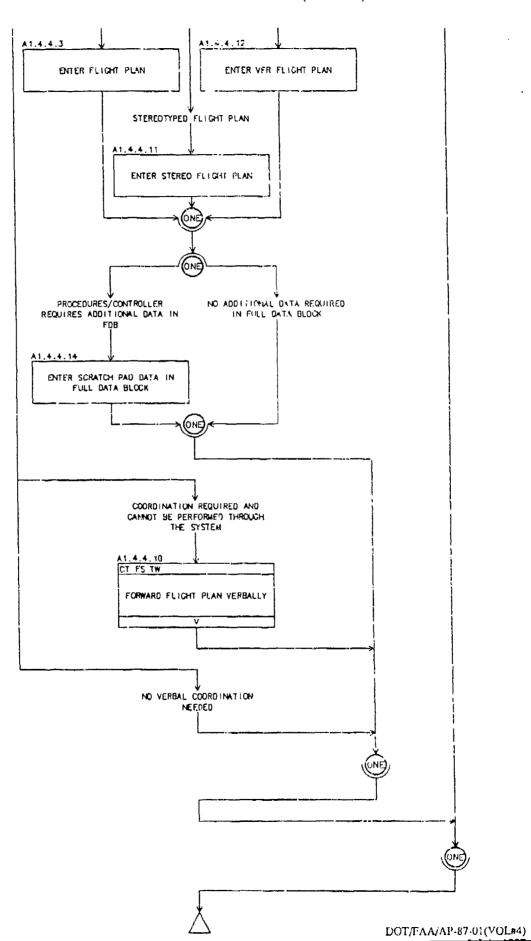


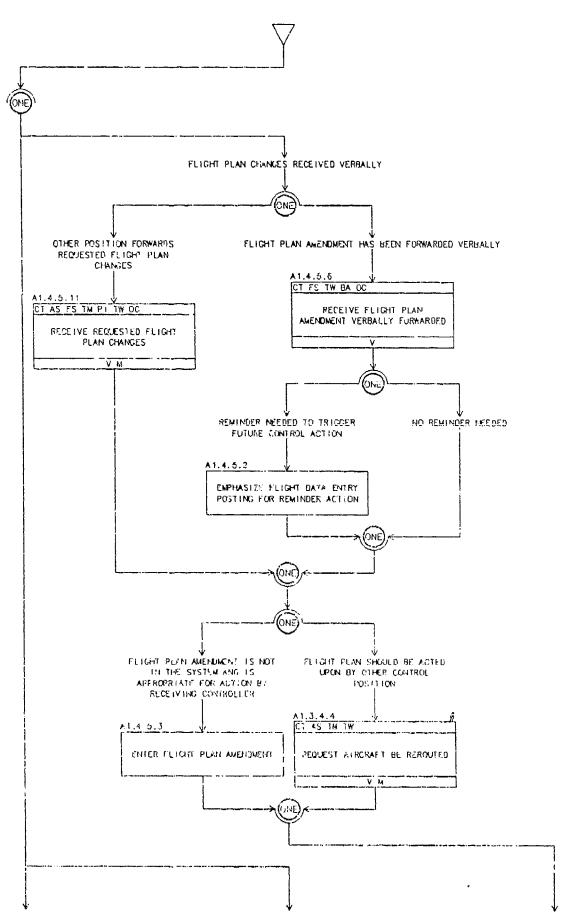


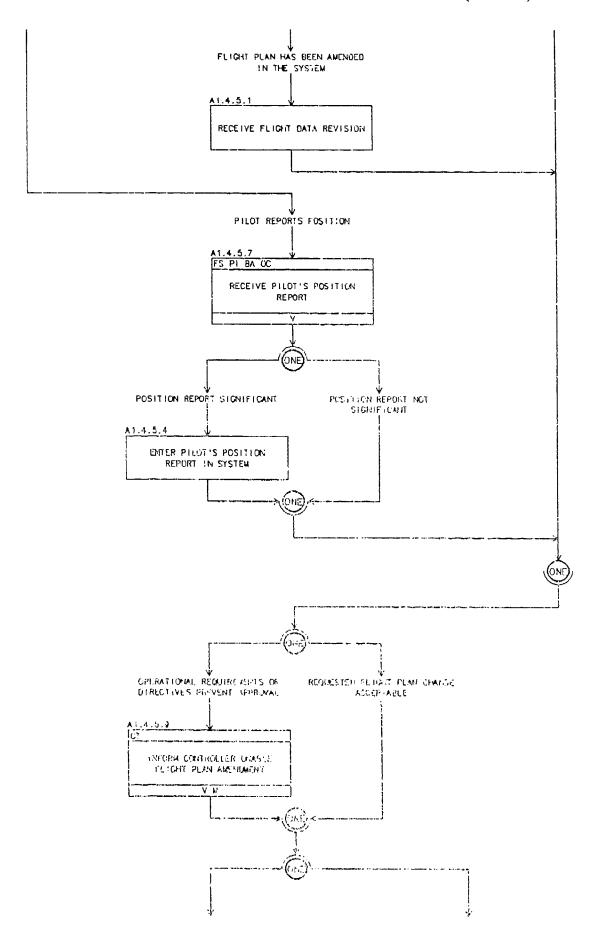
#### A1.4.4 REVIEWING FLIGHT PLANS (cont.)



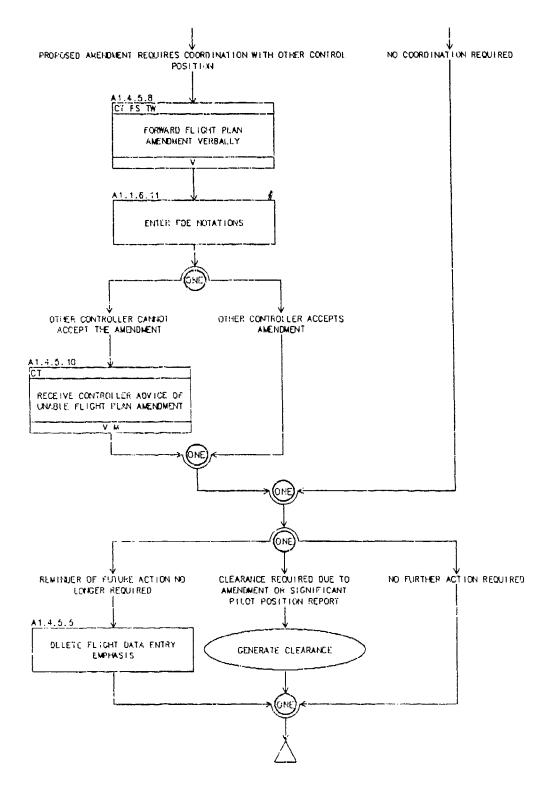
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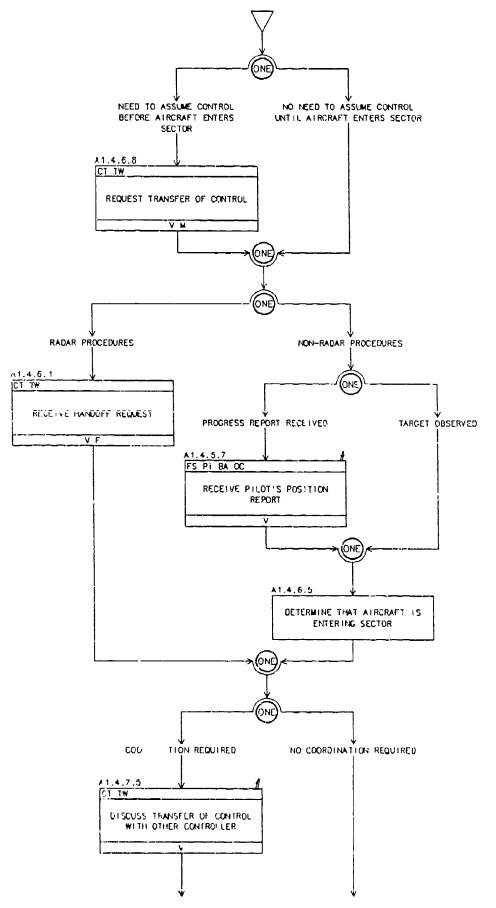


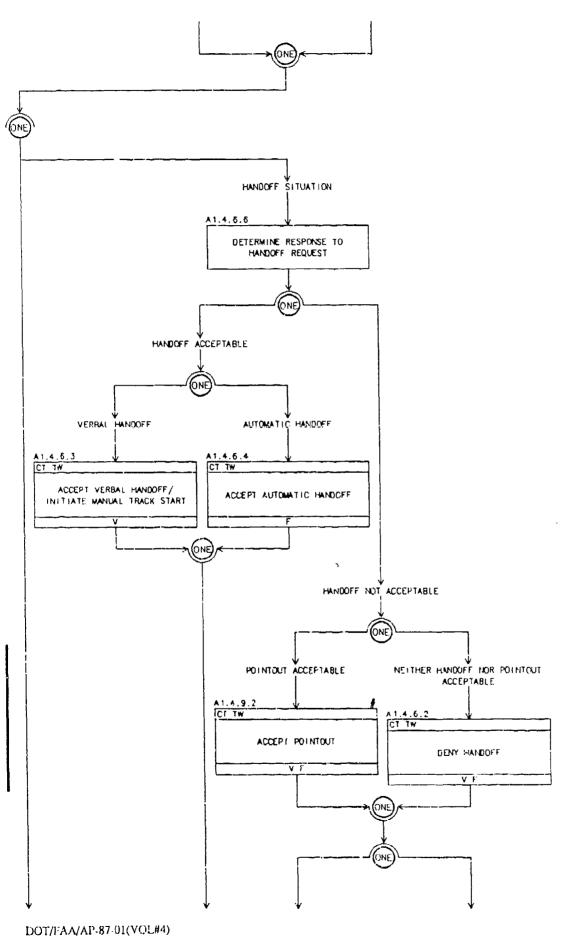


### A1.4.5 PROCESSING FLIGHT PLAN AMENDMENTS (cont.)

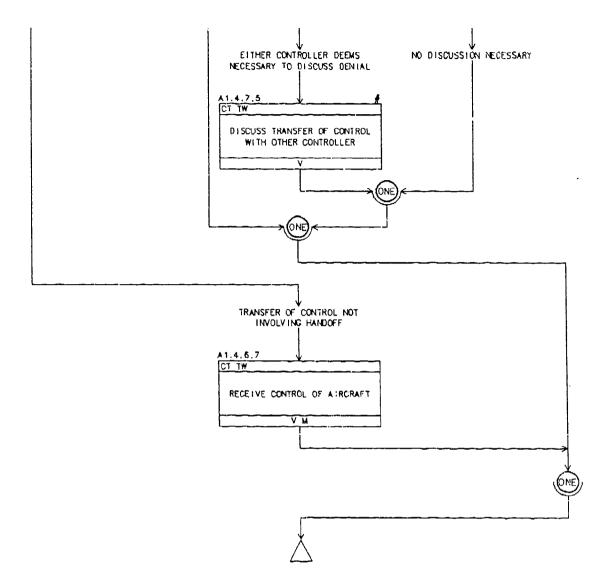


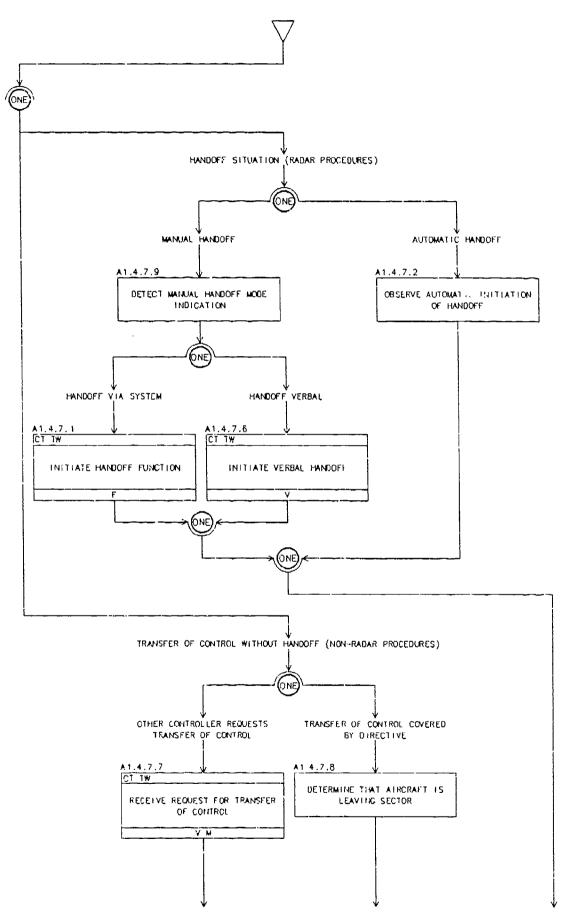


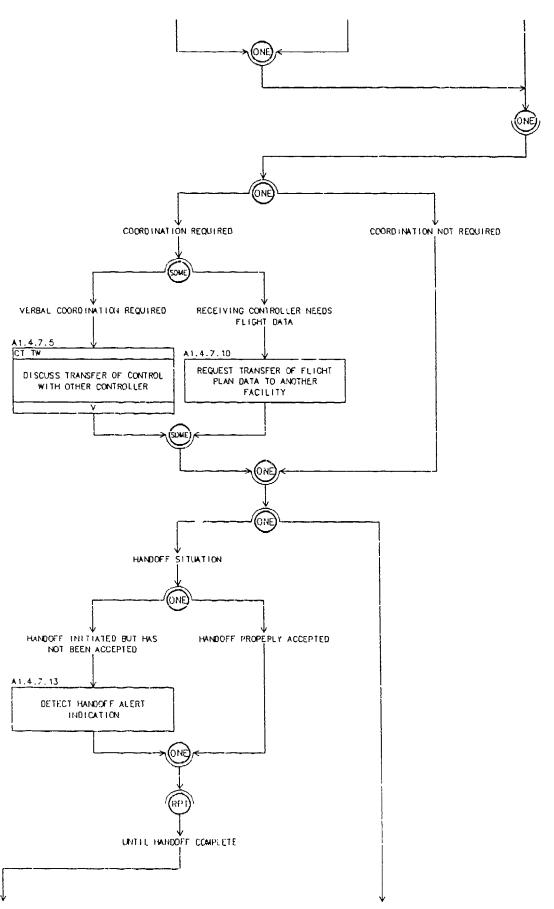


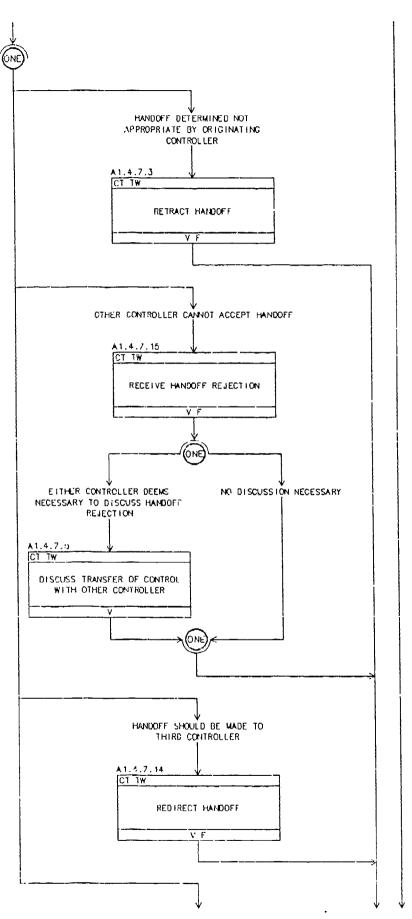


### A1.4.6 RECEIVING TRANSFER OF CONTROL/ RADAR IDENTIFICATION (cont.)

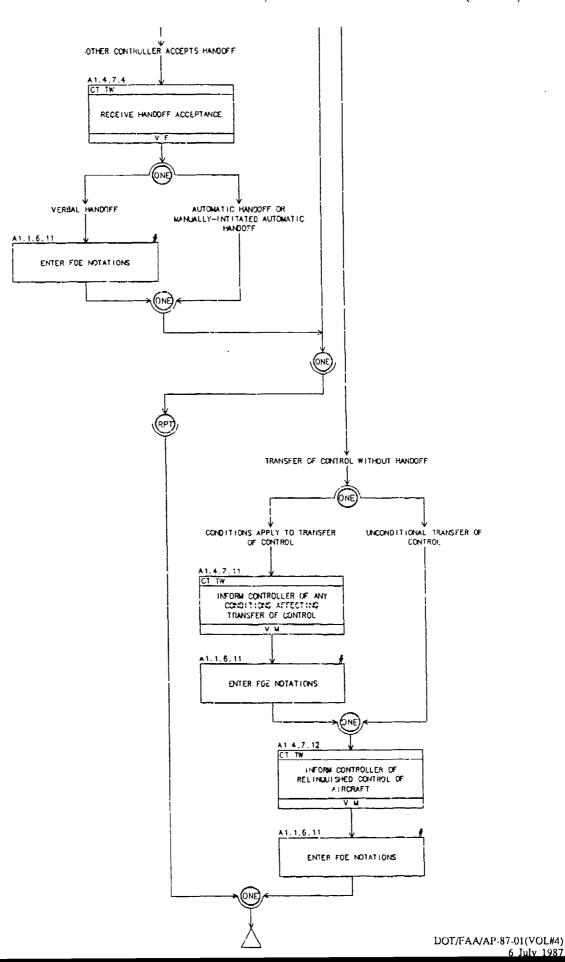


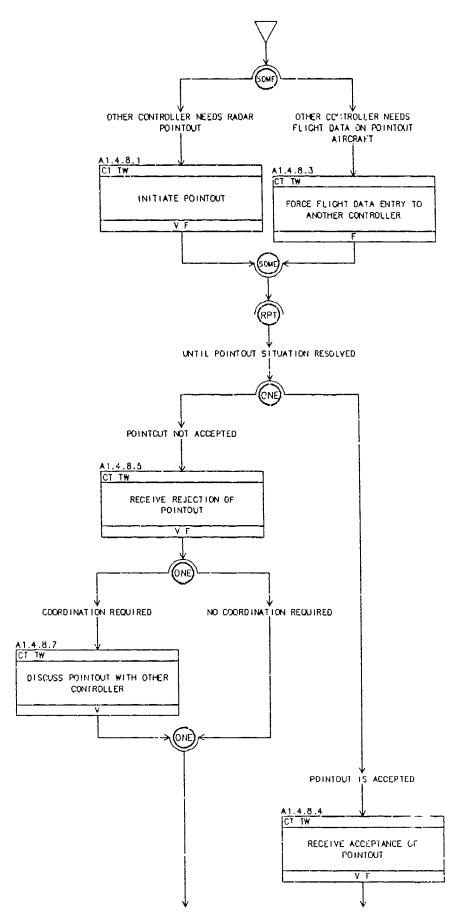




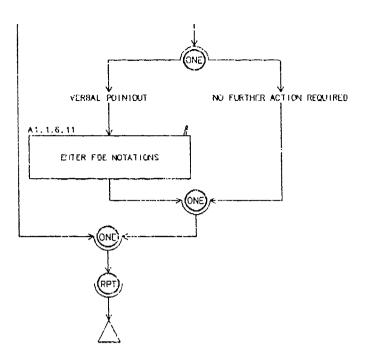


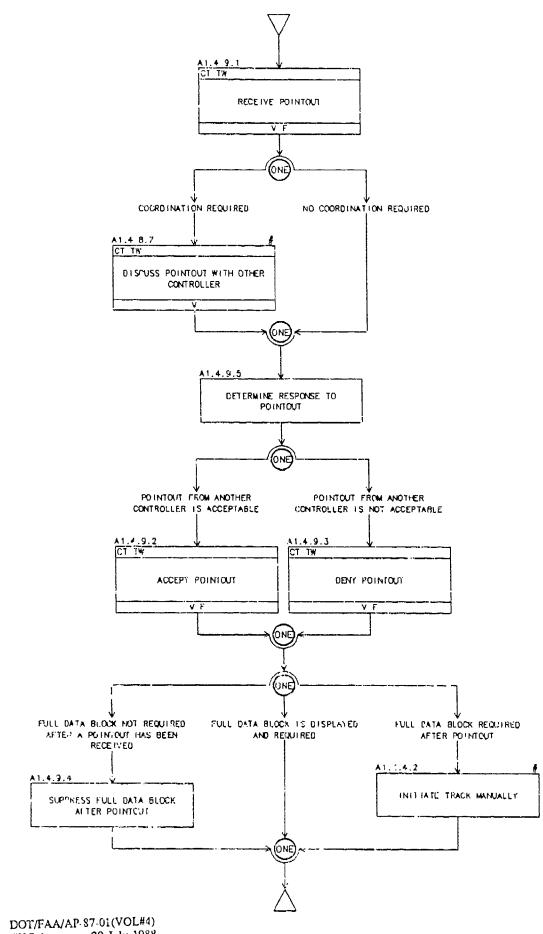
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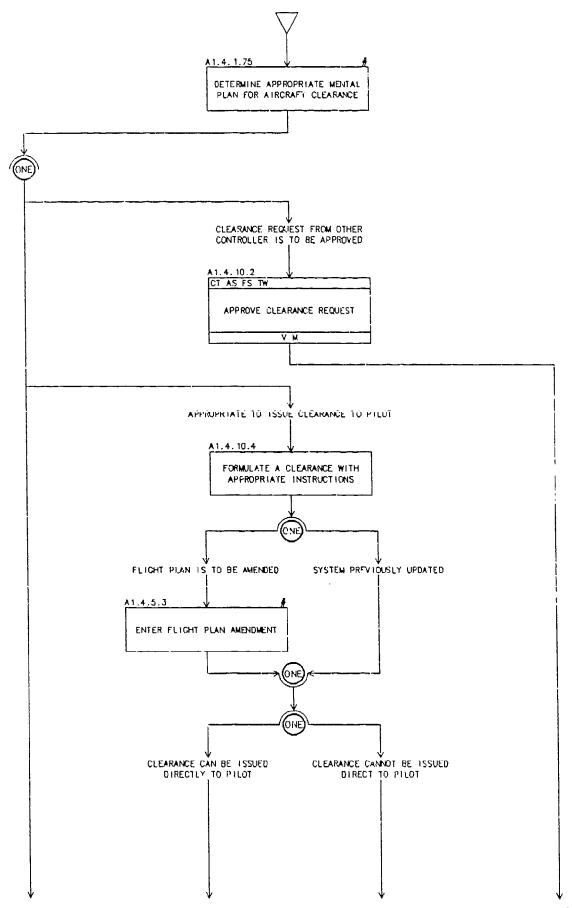


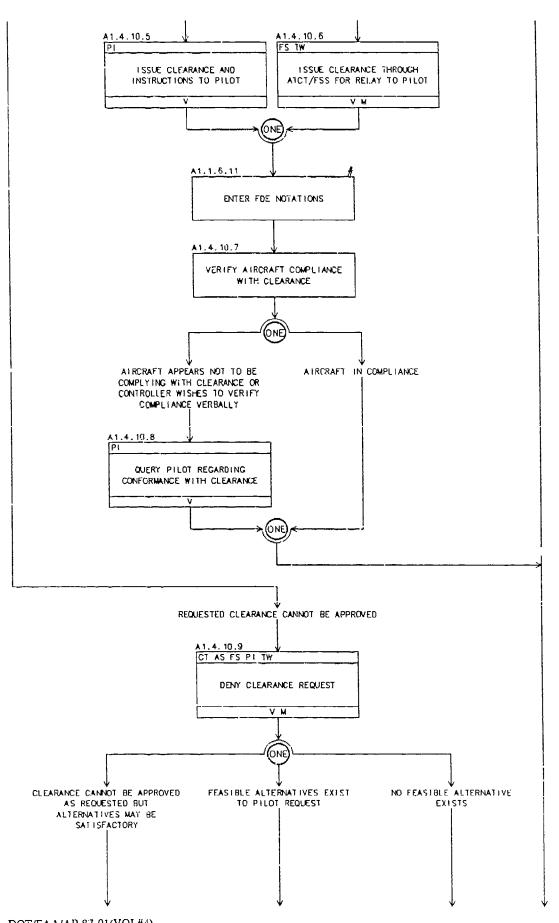
# A1.4.8 ISSUING PO!NTOUTS (cont.)





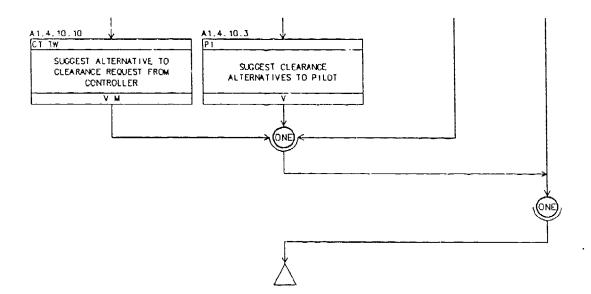
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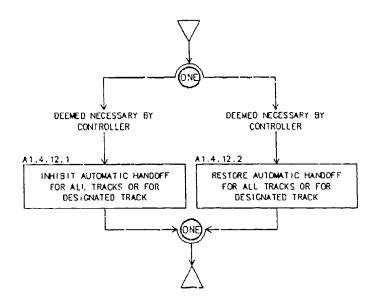


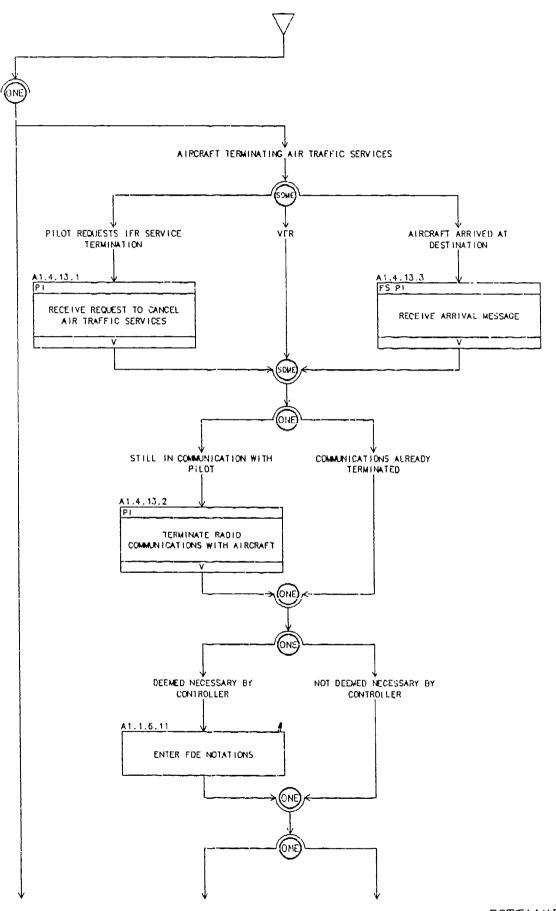
DOT/FAA/AP-87-01(VOL#4) 6 July 1987

# A1.4.10 ISSUING CLEARANCES (cont.)

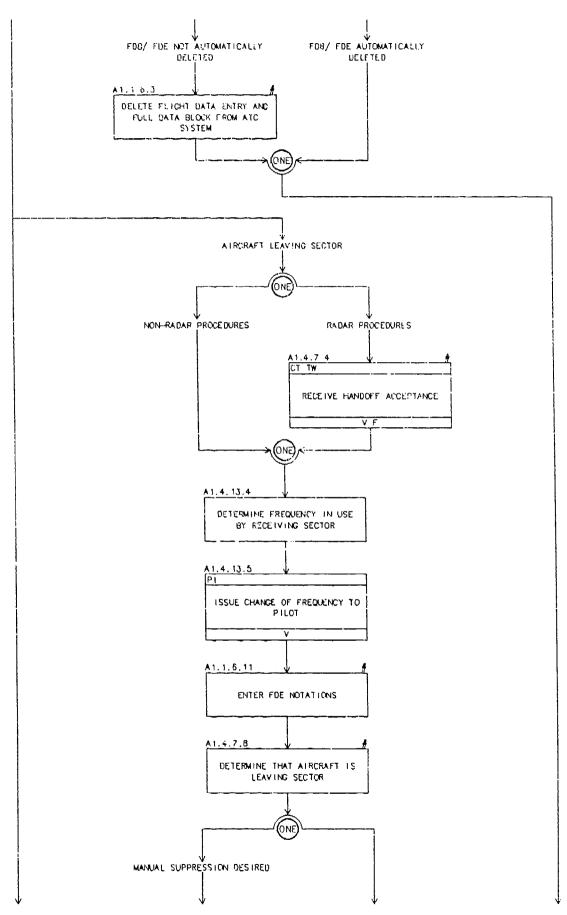


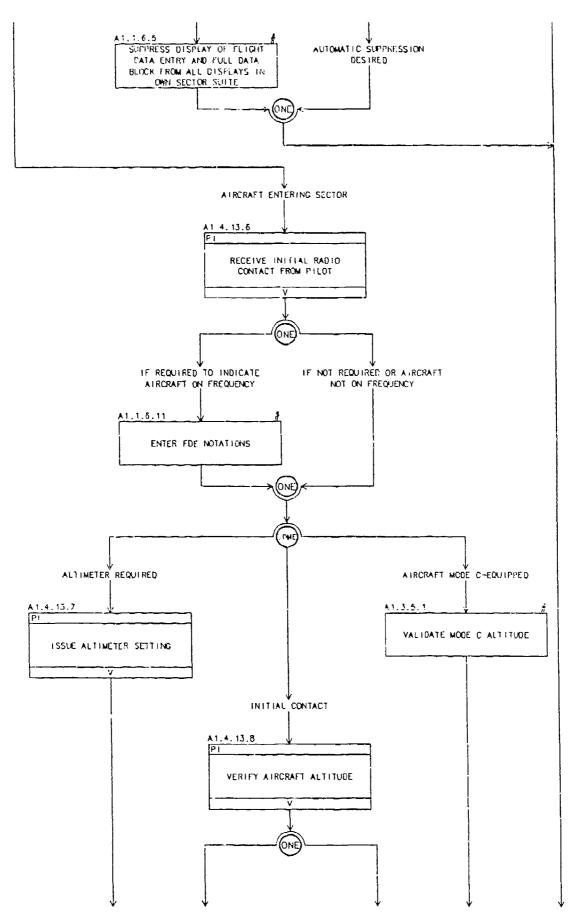
#### A1.4.12 MANAGING AUTOMATED HANDOFF FEATURES



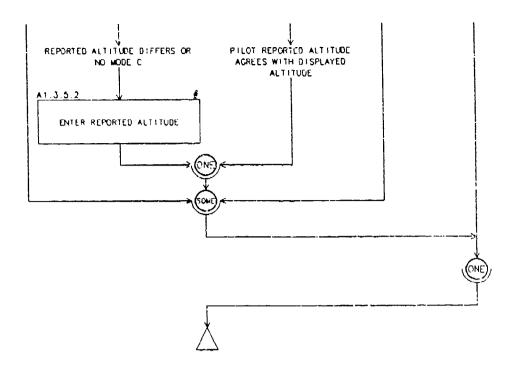


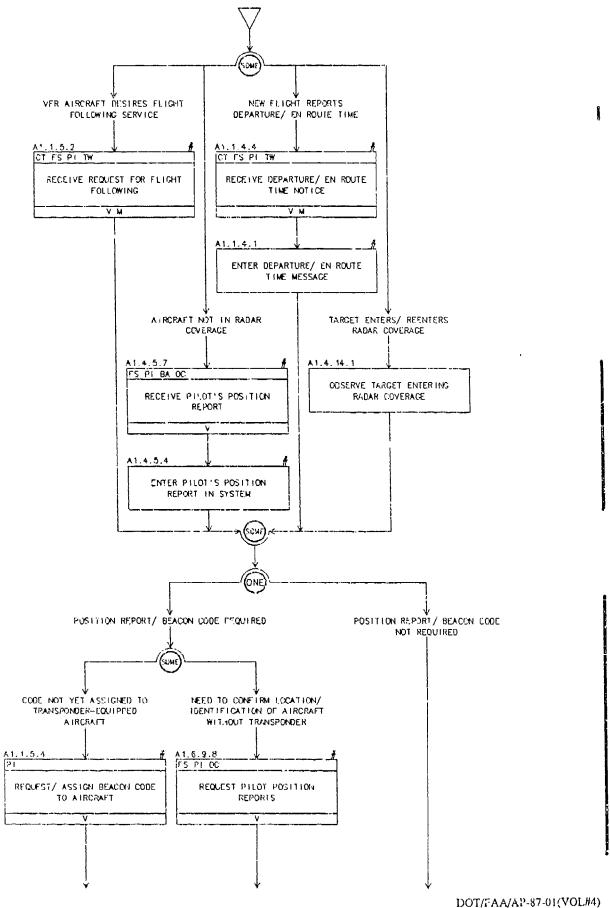
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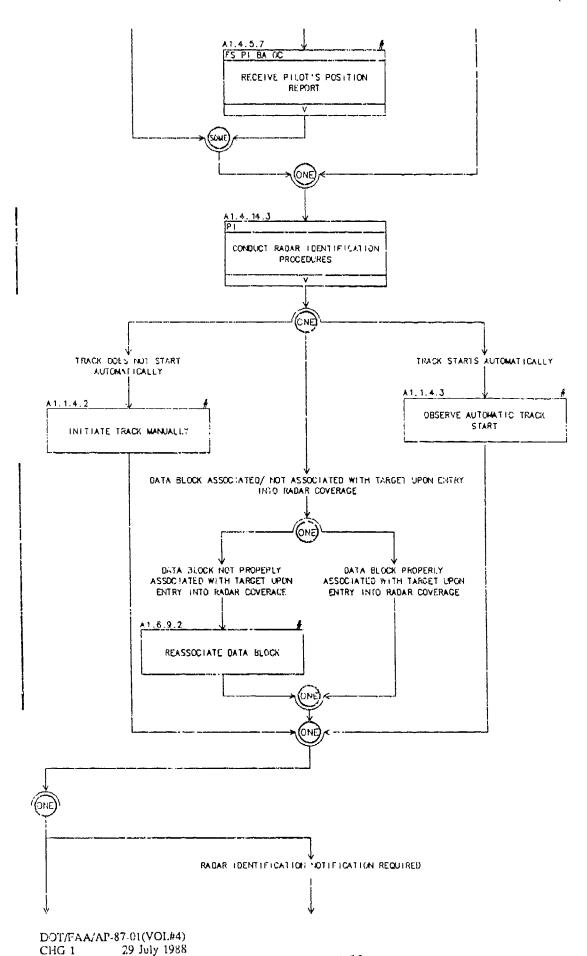




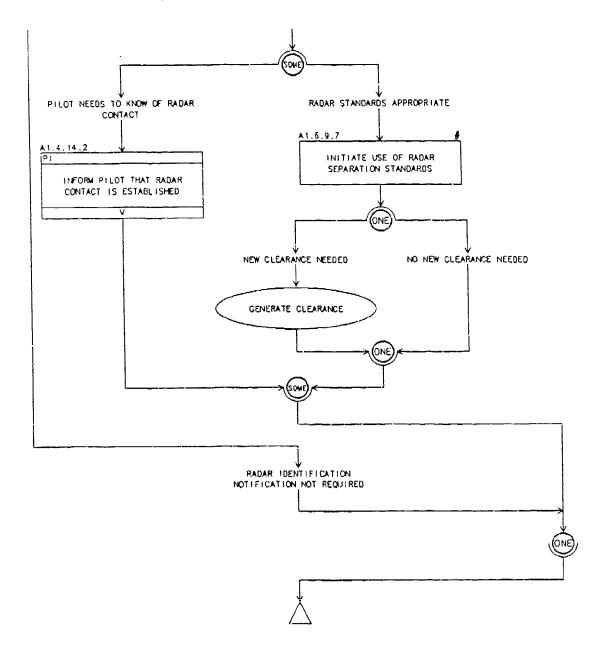
41.4 13 ESTABLISHING, MAINTAINING, AND TERMINATING RADIO COMMUNICATIONS (cont.)



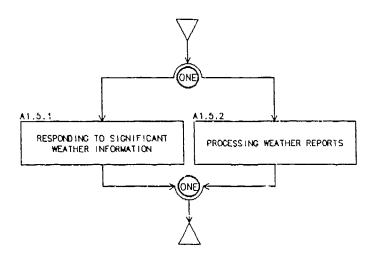


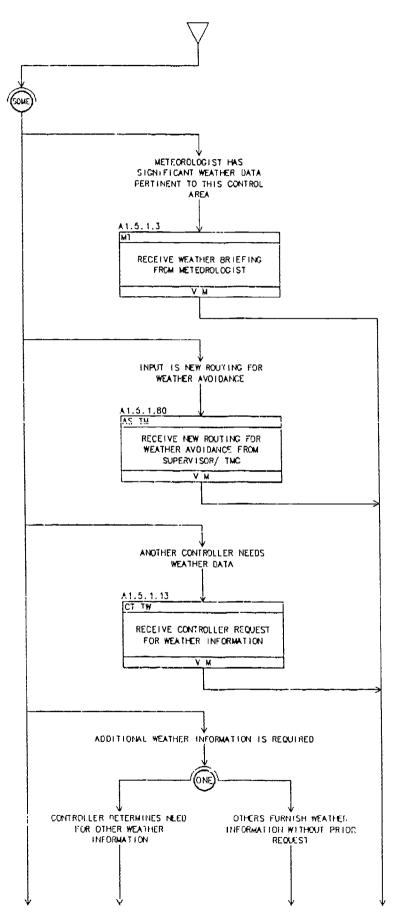


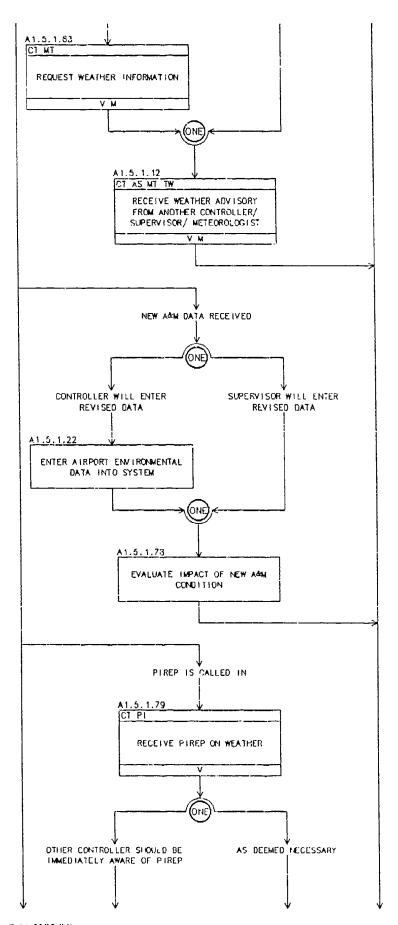
29 July 1988

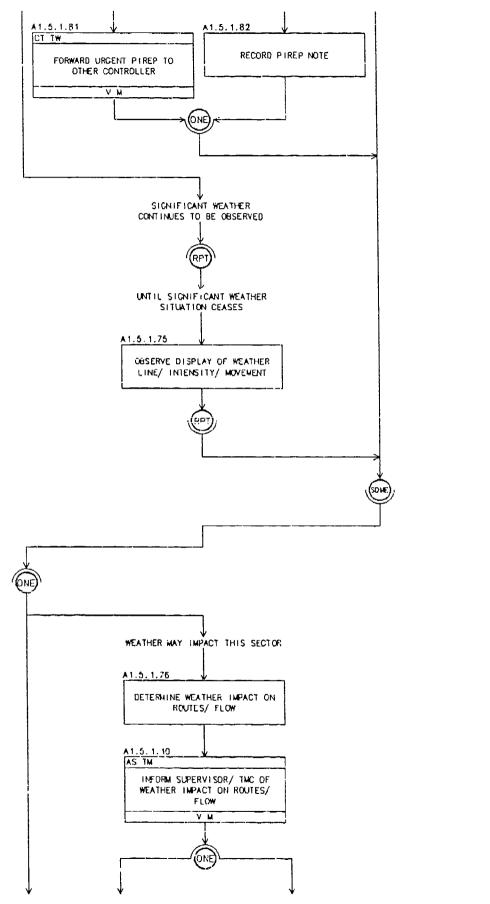


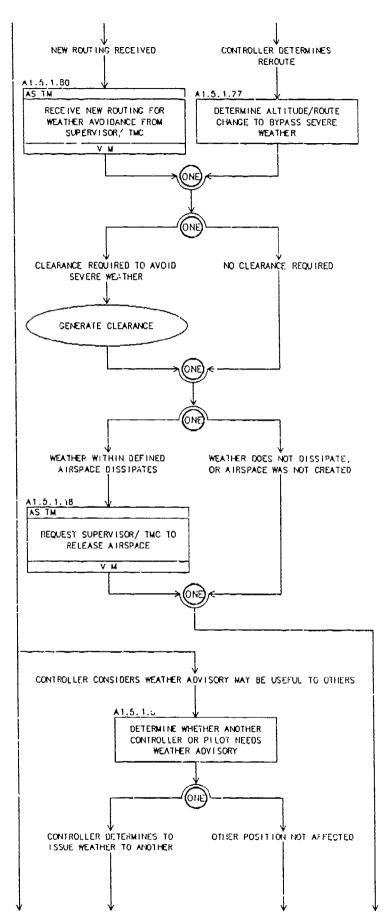
## A1.5 ASSESS WEATHER IMPACT



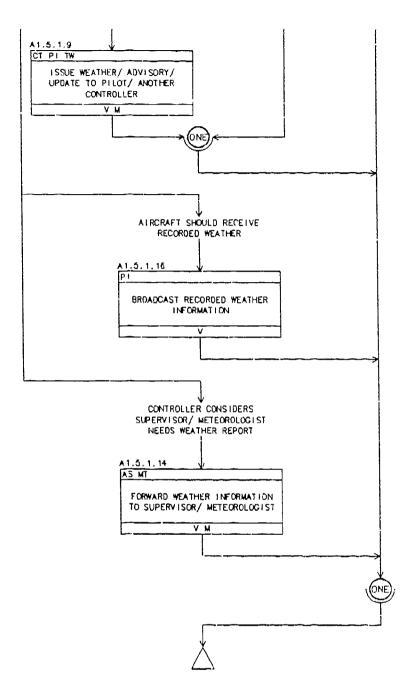


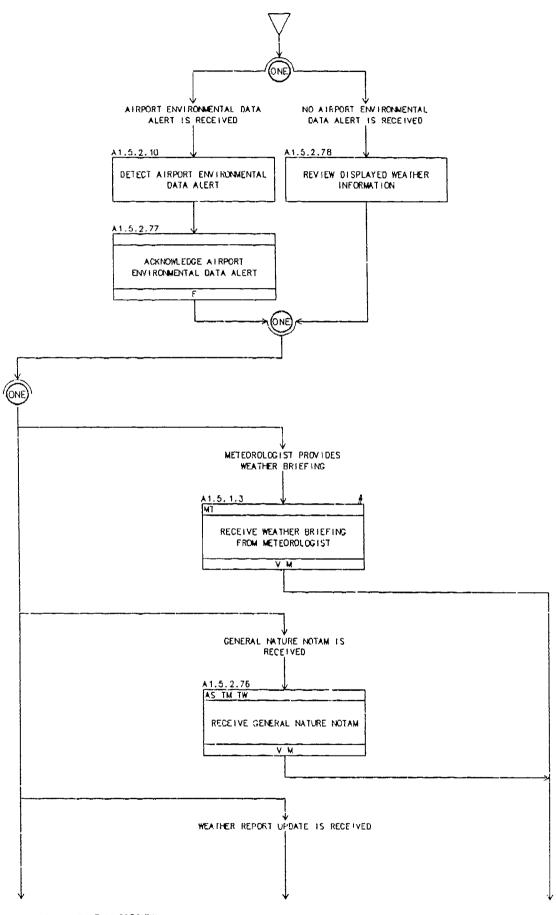




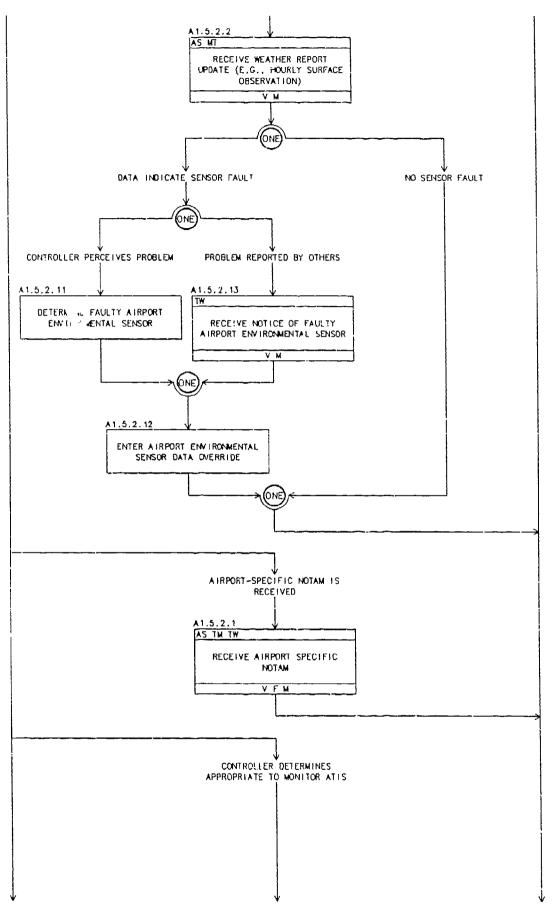


## A1.5.1 RESPONDING TO SIGNIFICANT WEATHER INFORMATION (cont.)

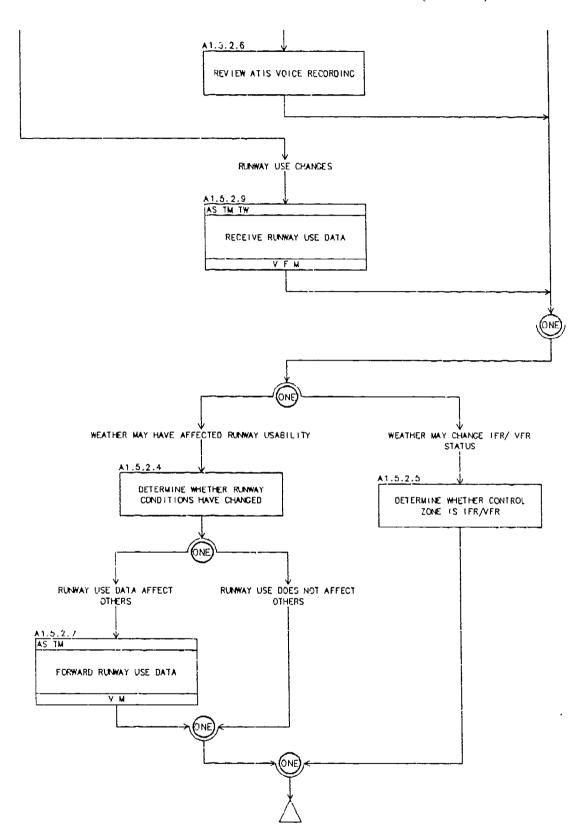


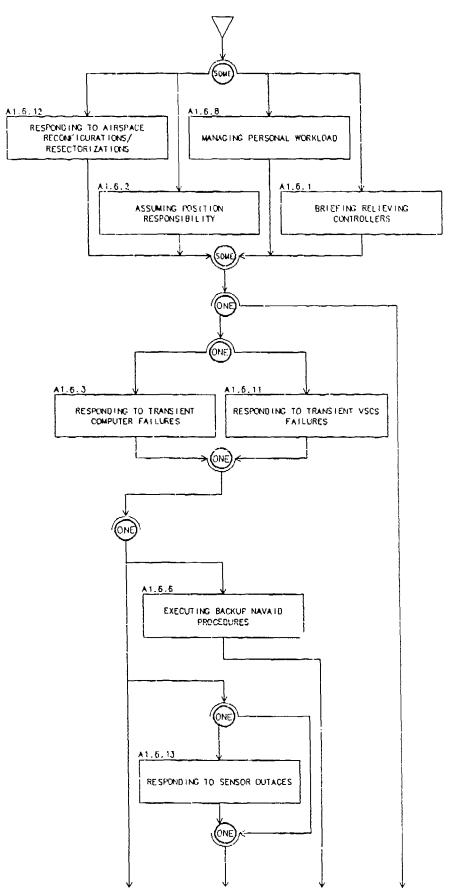


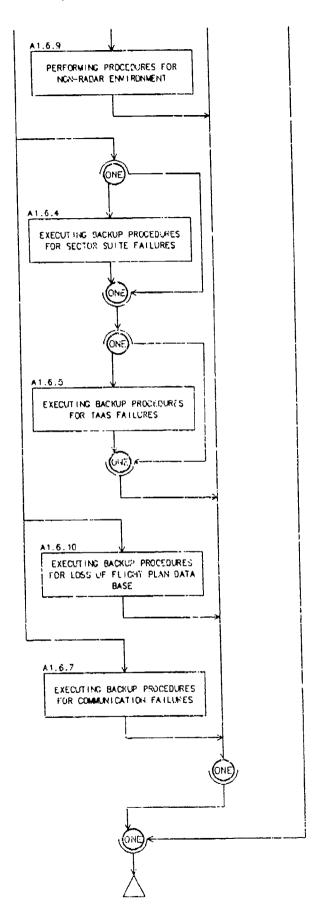
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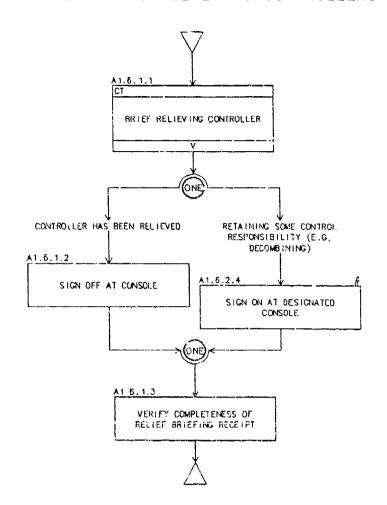


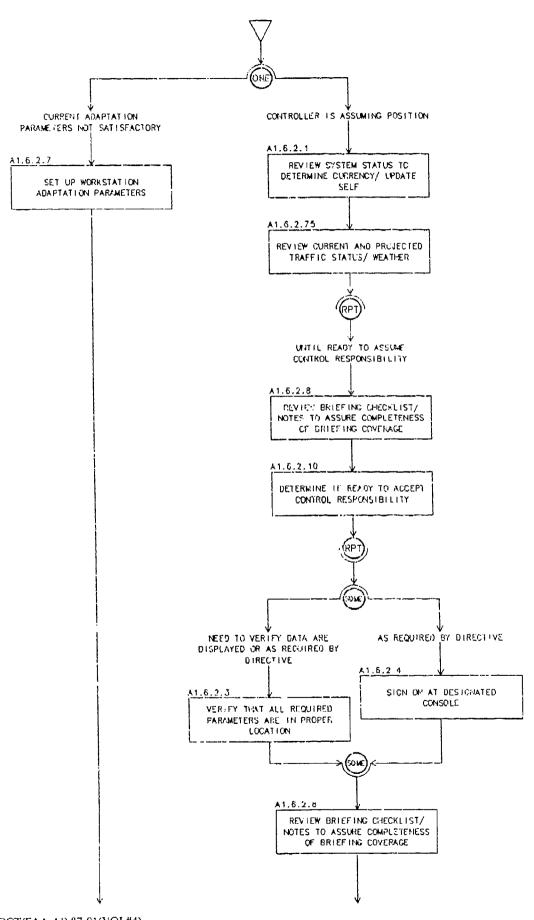
## A1.5.2 PROCESSING WEATHER REPORTS (cont.)

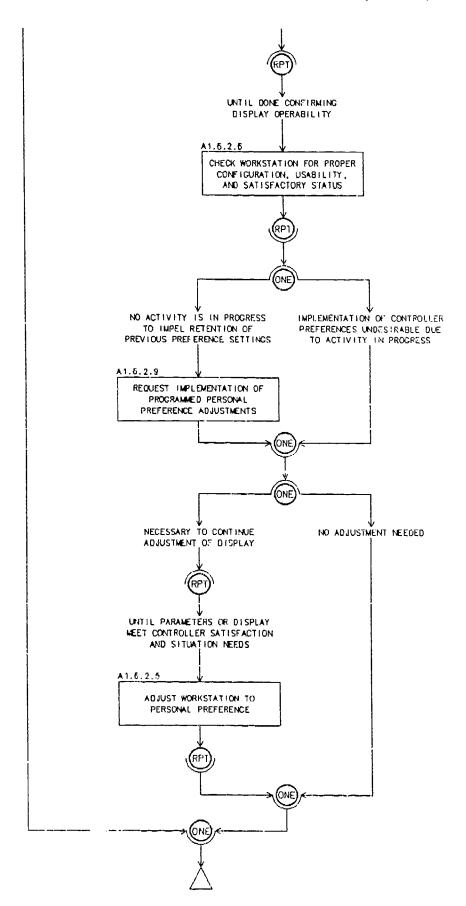


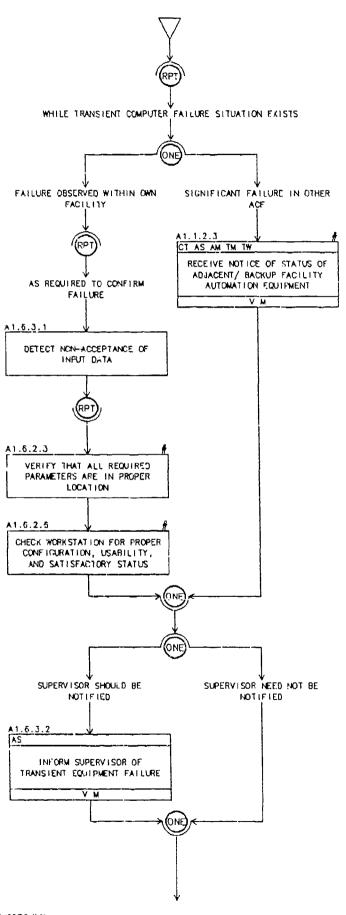


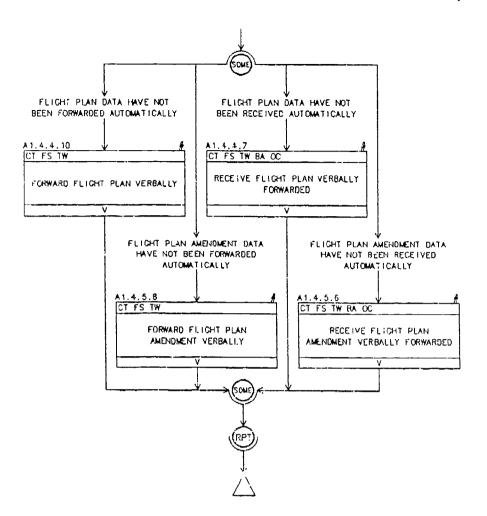


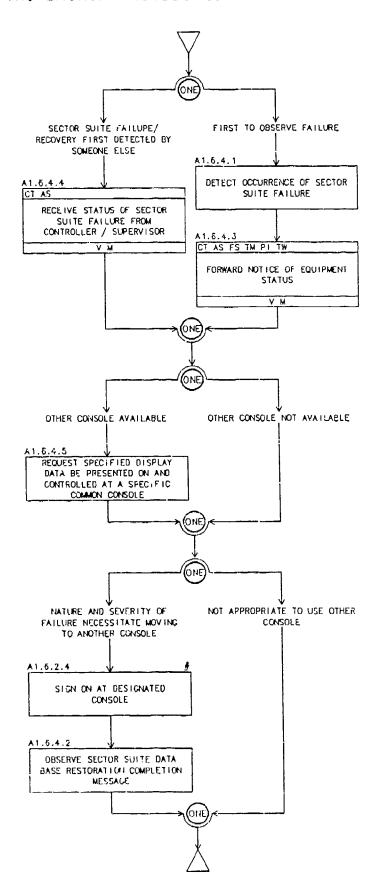


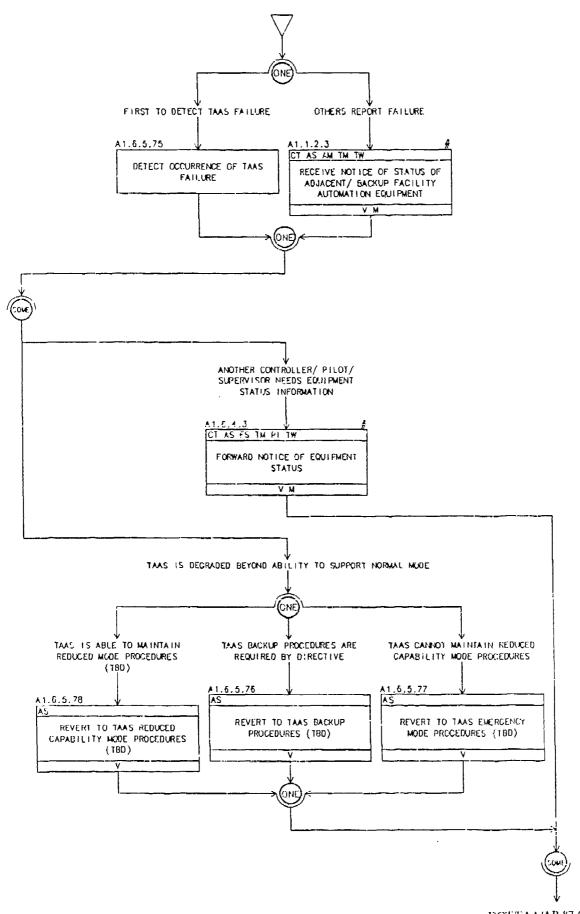




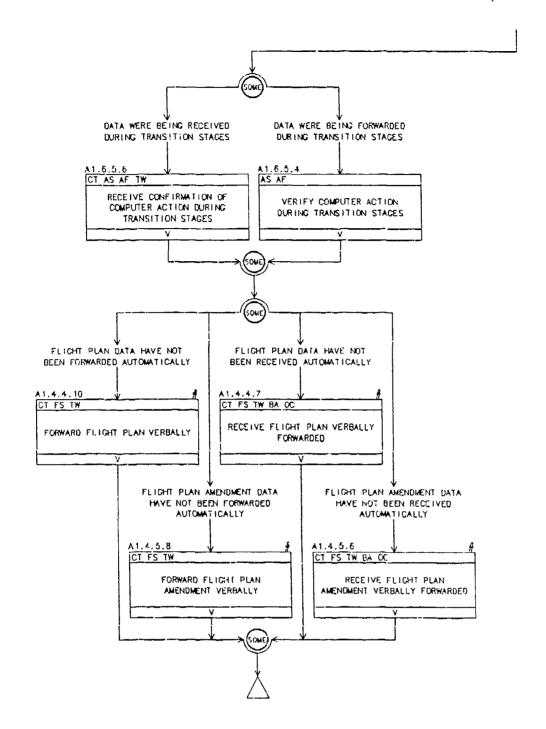


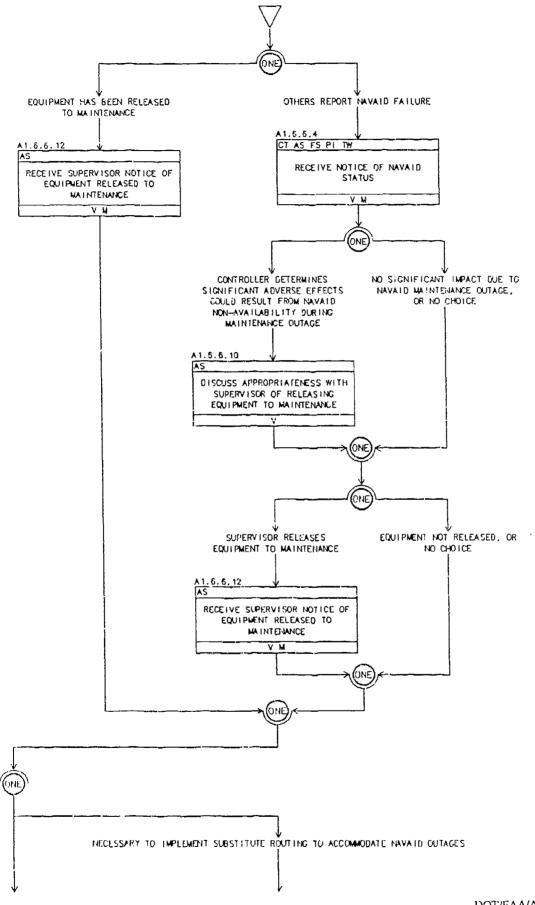


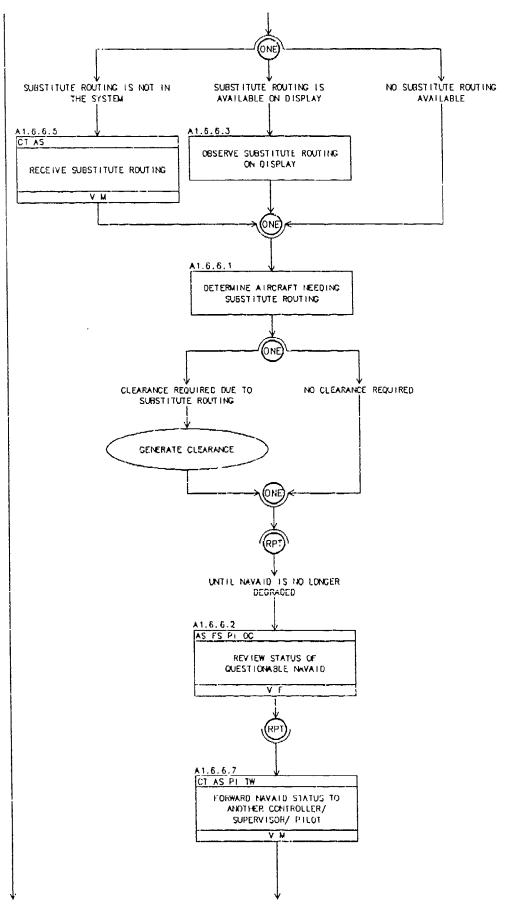


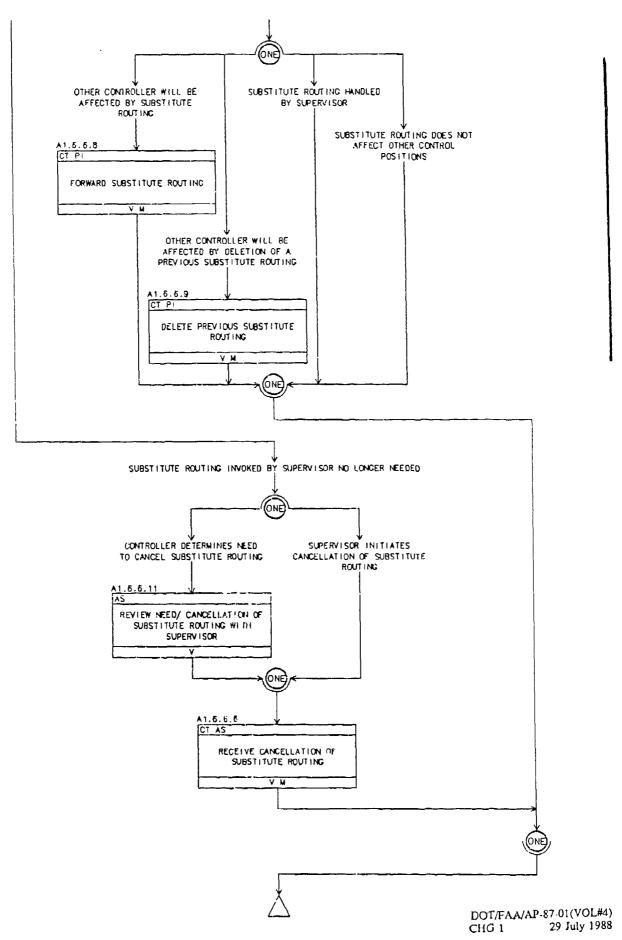


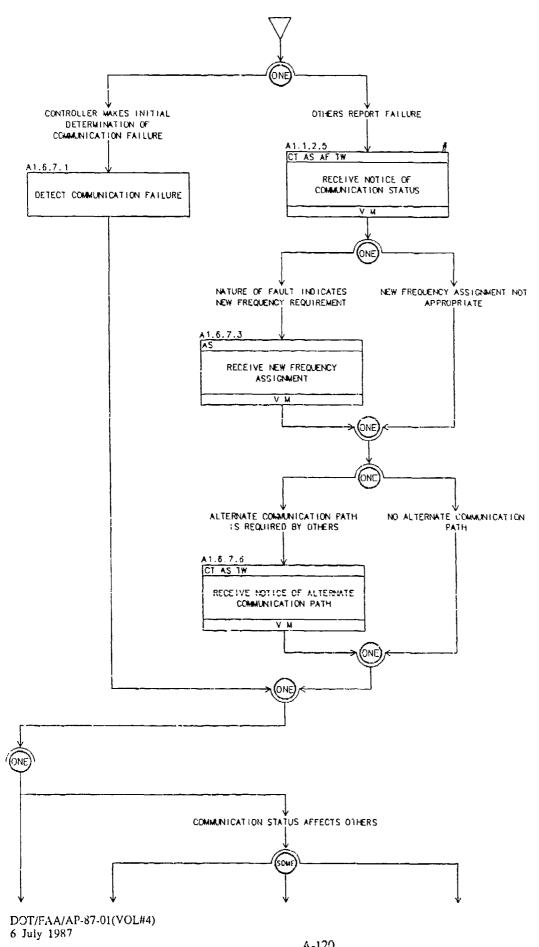
## A1.6.5 EXECUTING BACKUP PROCEDURES FOR TAAS FAILURES (cont.)

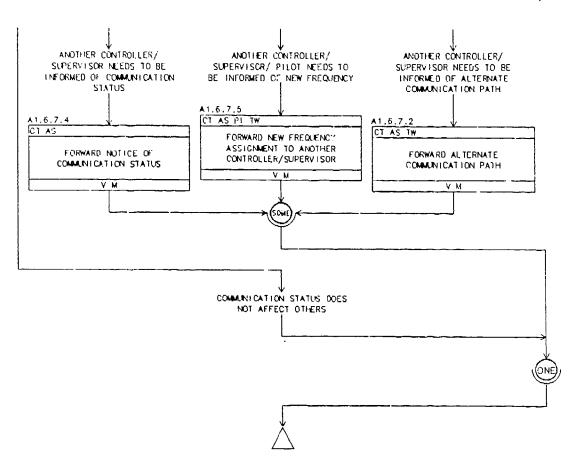


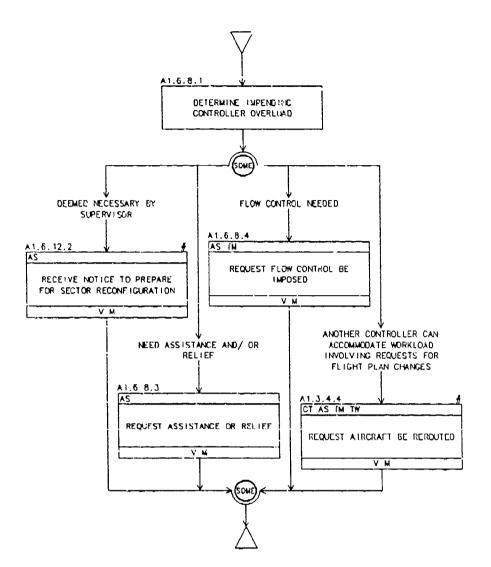


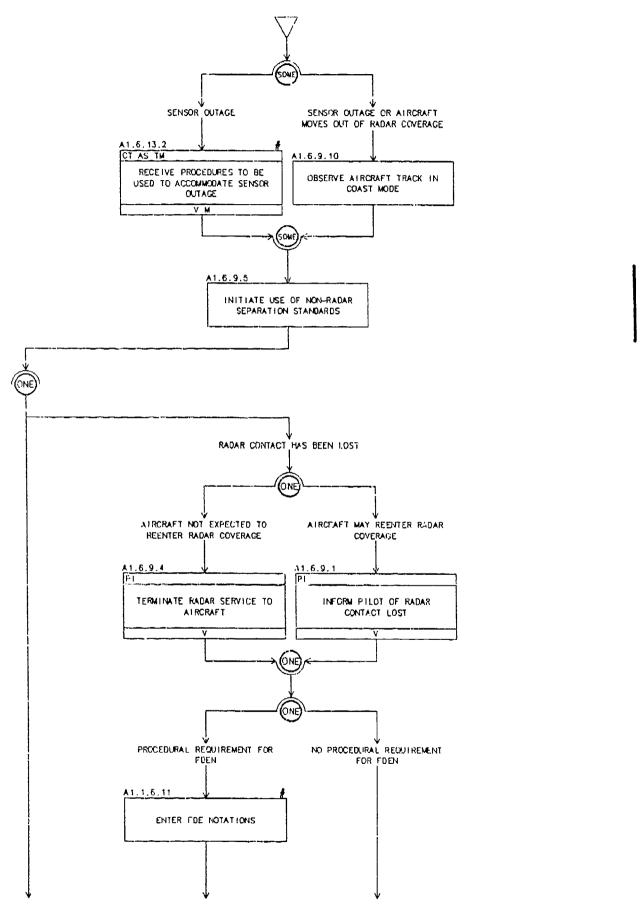


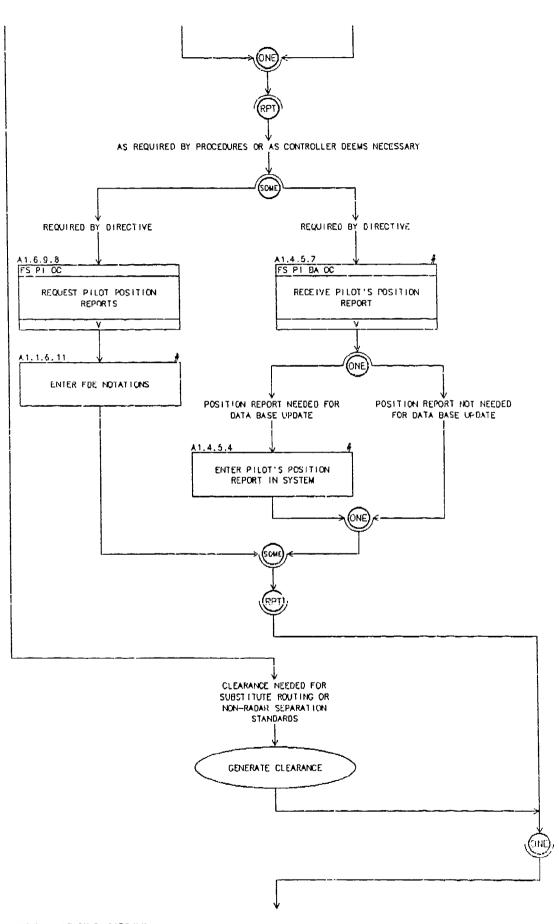


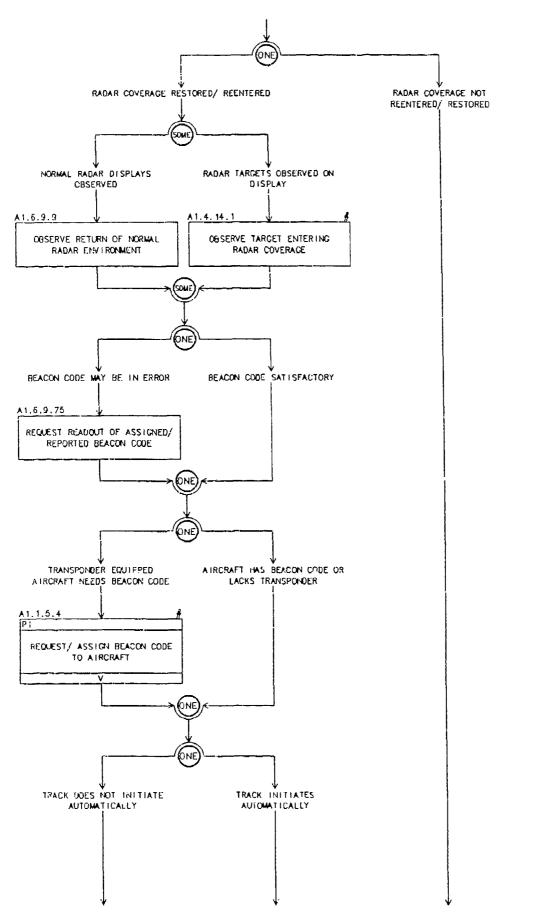




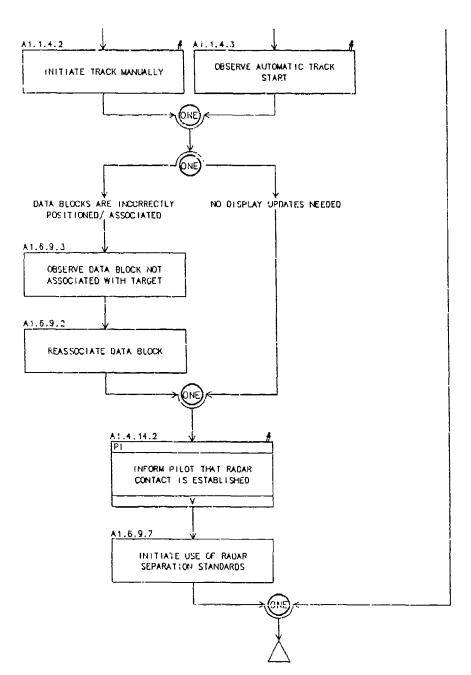


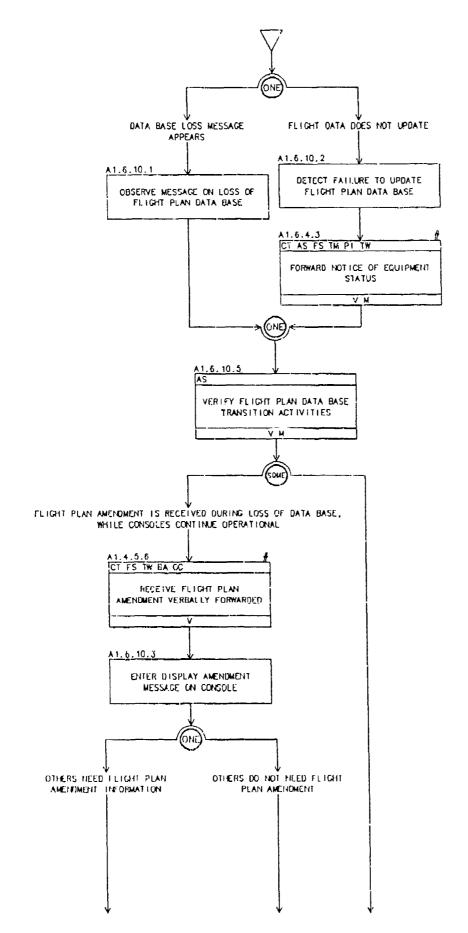


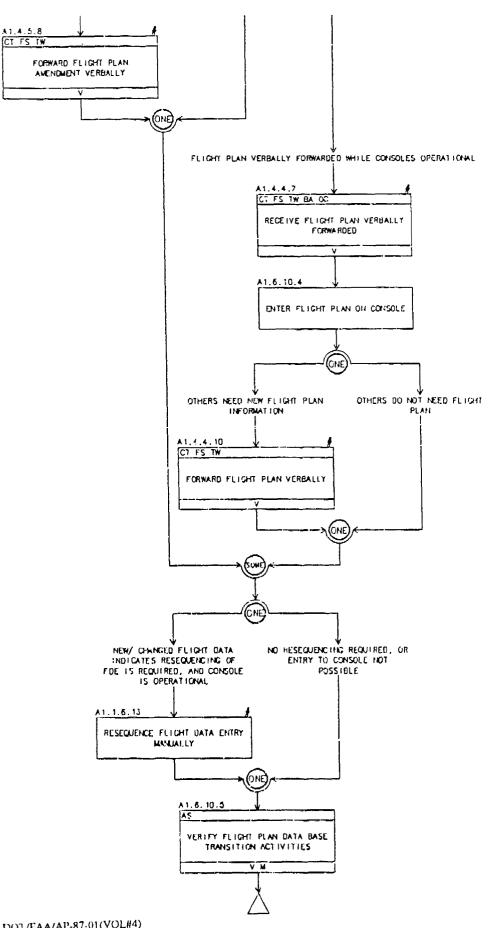


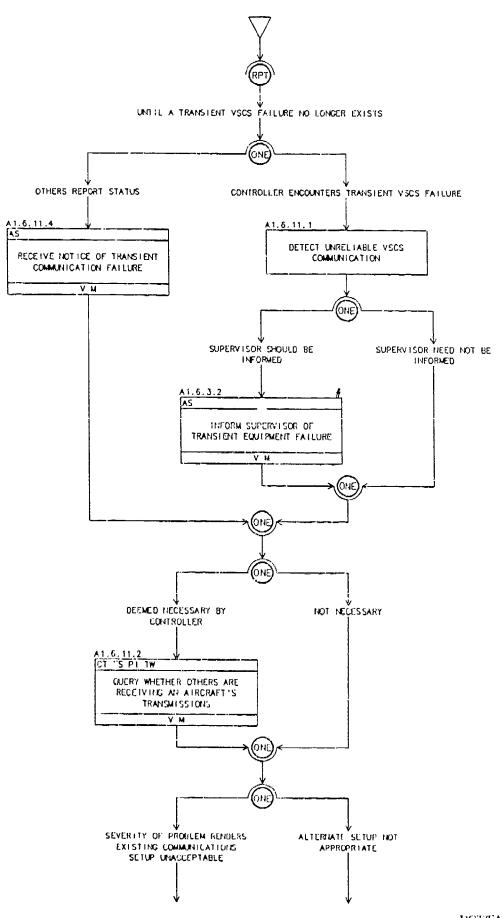


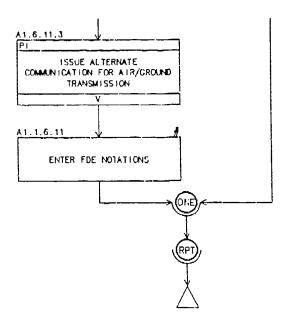
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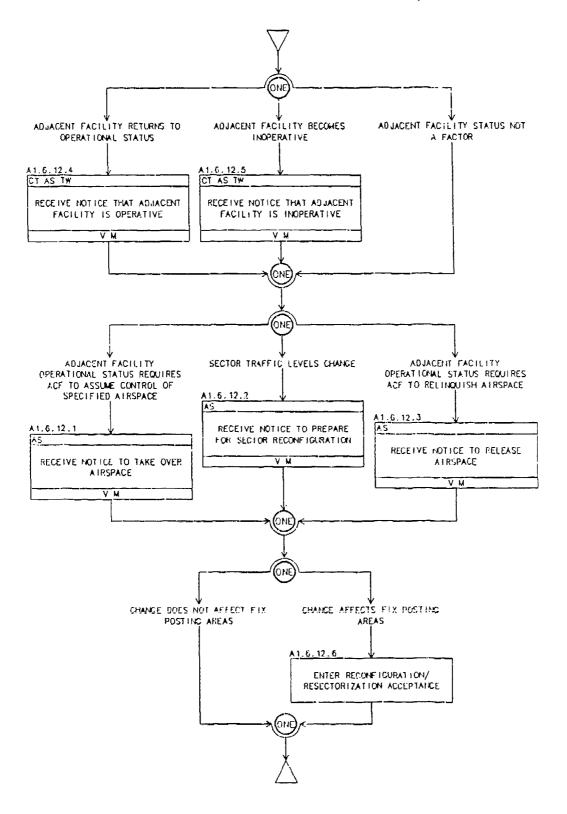


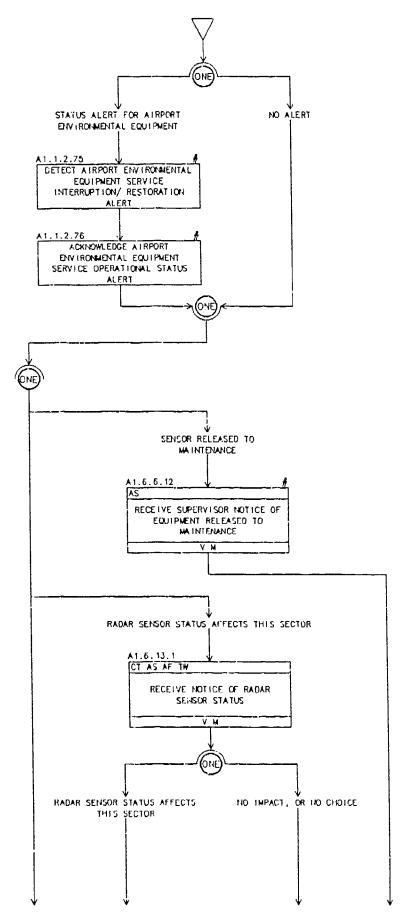


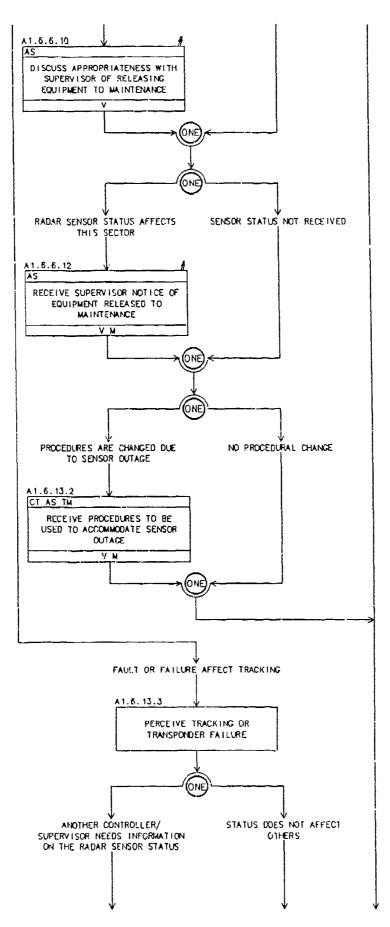




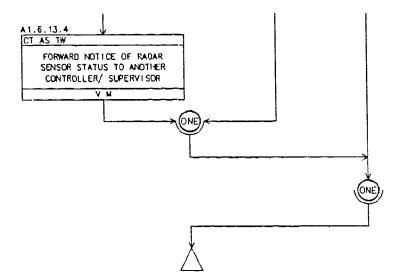








# A1.6.13 RESPONDING TO SENSOR OUTAGES (cont.)



#### APPENDIX B

#### TASK STATEMENTS AND EVENT TO SUB-ACTIVITY TRACE

This appendix is composed of two sections:

1. Task Statements - consisting of a list of the 369 TAAS terminal controller tasks. The following summarizes the components of the Task Statements table:

Task Number - assigned number of each task statement.

Task Statement - concise statement of the task to be performed.

Coordination Media - coordination media may be one of three types: Voice (V), Function (F), and Message (M). Automated Coordination is reserved for AERA 2 and 3 use.

Coordinatees - designates the position/ agency contacted during coordination.

**Transition State** - indicates the AAS transition states for which the task is applicable - ISSS, TAAS, ACCC, AERA 1. AERA 2 and 3 reserved for future use.

Revision Date - indicates the date of last revision for each task.

- 2. Deleted
- 3. Event to Sub-Activity Trace noting the relation of ATC events (from Appendix A of Volume I) to each TAAS terminal controller sub-activity graphed in Appendix A of this volume.

Task Number	Task Statement	Coordination Coordinatee	s	Transition State	Revision Date
		Voice Function Mail Automated Cocrd. Automated Cocrd. Area Supervisor Area Manager Filight Service Traffic Management Mission Coordinator Airway Facility/GSC Pitch Controller/Sup	Central Flow Control Aeronautical Radio Base Operations Other Coordination	1SSS TAAS ACCC AERA 1 AERA 2 AERA 3	
A1,0	PERFORM TAAS DOMESTIC				Ø6/23/87
	AIR TRAFFIC CONTROL			x x x x	Ø4/22/87
A1.8.8.6 A1.1	GENERATE CLEARANCE PERFORM SITUATION			xxx	04/22/87
A1.1.1	MONITORING CHECKING AND EVALUATING			xxxx	04/22/87
A1.1.1.1	SEPARATION  REVIEW FLIGHT DATA  DISPLAY FOR PPESFNT AND/OR FUTURE AIRCRAFT SEPARATION			xxxx	Ø4/22/87
A:,1,1.2	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF AIRCRAFT SEPARATION STANDARDS			x   x   x   x	g4/22/87
A1,1,1,4	PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTITUDE/ PATH				Ø5/ <b>Ø</b> 4/8
A1.1.1.6	FORCE/ QUICK LOOK FULL DATA BLOCK(S) TO EXAMINE TRACK INFORMATION ON AIRCRAFT			X X X X	<b>9</b> 7/11/8
A1.1.1.7	DETERMINE WHETHER AICCRAFT MAY BE SEPARATED BY LESS THAN PRESCRIBED MINIMA			xxxx	Ø4/22/8
A1.1.1.8	SELECT FOE SORTING PRIORITY SCHEME			X X X X	04/22/8
A1.1.1.9	OBSERVE TRACK VELOCITY/ DISTANCE VECTOR TO PROJECT AIRCRAFT MOVEMENT			xxxx	64/22/6
A1.1.1.12	REVIEW SITUATION DISPLAY FOR PC'ENTIAL VIOLATION OF AIRSPACE SEPARATION STANDARDS				84/22/8
A1.1.1.14	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF CONFORMANCE CRITERIA				84/22/1
. A1.1.1.1S	DETERMINE WHETHER AIRSPACE SEPARATION STANDARDS MAY BE VIOLATED			xxxx	04/22/8
A1.1.1.17	DETERMINE WHETHER FLOW RESTRICTIONS MAY BE VIOLATED			x x x x	64/22/8
A1.1.1.75	REVIEW DISPLAYS FOR POTENTIAL VIOLATION OF FLOW RESTRICTIONS			x	Ø6/23/
A1,1,1.76	REQUEST BEACON CODE/ MODE C/ GROUND SPEED READOUT OF UNASSOCIATED TARGET			x	67/11/

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Task Number	Task Statement			dina dia	ion		dinatees	Transition State	Revision Date
		Voice	Function	Mail	Automated Coord.	ISSS\TAS Controller Area Supervisor Area Manager Filght Service Traffic Managament Mission Coordinator	Ainay Facility/056 Meteorologist Filor Tower Controller/Sup Central Flow Control Aeronautical Radio Euse Operation Other Coordination	15SS 17AS ACC AERA 1 AERA 2 AERA 3	
A1.1.2	RECEIVING SYSTEM STATUS INFORMATION							x x x x	Ø5/18/87
A1.1.2.1	OBSERVE DISPLAY OF NEW/ CHANGED EQUIPMENT/ CPERATIONAL STATUS							xxx	<b>67/61/8</b> 8
A1.1.2.2	ENTER SYSTEM STATUS DATA CHANGE							xxx	07/01/86
A1.1.2.3	RECEIVE NOTICE OF STATUS OF ADJACENT/ BACKUP FACILITY AUTOMATION EQUIPMENT	٧		M		CSM T	T		Ø7/ <b>Ø</b> 1/88
A1.1.2.4	DETECT EQUIPMENT SERVICE INTERRUPTION/ RESTORATION							xxxx	Ø6/16/88
A1.1.2.5	RECEIVE NOTICE OF COMMUNICATION STATUS	٧		M		cs	A	xxxx	Ø5/18/8
A1.1.2.6	REQUEST REPORT ON NAVAID STATUS	٧				F	P	xxxx	f14/f88/8
A1.1.2.75	DETECT AIRPORT ENVIRONMENTAL EQUIPMENT SERVICE INTERRUPTION/ RESTORATION ALERT							X X	Ø7/Ø1/9
A1.1.2.76	ACKNOWLEDGE AIRPORT ENVIRONMENTAL EQUIPMENT SERVICE OPERATIONAL STATUS ALERT							xxx	Ø6/29/8
A1.1.3	ANALYZING INITIAL REQUESTS FOR CLEARANCES							xxxx	Ø5/18/8
A1.1.3.1	SEARCH DISPLAY FOR INACTIVE FLISHT PLAN ON CLEARANCE REQUEST							xxxx	Ø5/18/8
A1.1.3.2	REQUEST FLIGHT DATA READOUT							xxxx	Ø5/18/8
A1.1.3.3	PEQUEST FLIGHT DATA ENTRY FORMAT CHANGE							xxxx	Ø5/18/8
A1.1.4	PROCESSING DEPARTURE/ EN ROUIE TIME INFORMATION							xxxx	Ø7/Ø1/8
A1.1.4.1	ENTER DEPARTURE/ EN ROUTE TIME MESSAGE							:: x x x	Ø5/Ø6/8
A1.1.4.2	INITIATE TRACK MANUALLY							x x x x	<b>8</b> 5/18/8
A1.1.4.3	OBSERVE AUTUMATIC TRACK START							xxxx	Ø5/18/8
A7.1.4.4	RECEIVE DEPARTURE/ EN ROUTE TIME NOTICE	v		M		C	PI	xxxx	05/06/8
A1.1.4.75	ACKNOWLEDGE EMPHASIZED DEPARTURE MESSAGE								Ø6/29/8
A1.1.4.76	OBSERVE EMNHASIZED DEPARTURE MESSAGE							x	Ø6/29/8
A1.1.5	PROCESSING REQUESTS FOR FLIGHT FOLLOWING							xxxx	Ø5/18/8

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		Coordination	Trunsition	Revision
Task Number	Task Statement	Media Coordinatees	State	Date
		Vaice Function Mail Automated Coord.  1SSS/IAAS Controller Area Supervisor Area Supervisor Flight Service Fraffic Management Mission Coordinator Mission Coordinator Mission Coordinator Meteorologist Pliot Flow Controller/Sup Central Flow Control Base Operations Other Coordination	ISSS TAAS TAAS ACCC AERA 1 AERA 2 AERA 3	
A1.1.5.1	EVALUATE CONDITIONS FOR PROVIDING FLIGHT		xxxx	ø5/18/87
41,1,5,2	FOLLOWING  RECEIVE REQUEST FOR	V	xxxx	Ø5/18/87
	FLIGHT FOLLOWING			
A1.1.5.3	DENY FLIGHT FOLLOWING REQUEST	V	x   x   x	Ø5/18/87
A1.1.5.4	REQUEST/ ASSIGN BEACON CODE TO AIRCRAFT	V	x   x   x	Ø4/22/87
A1.1.5.5	INFORM PILOT OF ALTERNATE INSTRUCTIONS NECESSARY FOR FLIGHT FOLLOWING SERVICE	V	xxxx	Ø5/18/87
A1.1.6	HOUSEKEEP ING		xxxx	Ø5/18/87
A1.1.6.1	OFFSET A DATA BLOCK		x x x x	Ø5/18/8
41.1.6.2	UPDATE/ REVISE CONTROLLER NOTE		xxxx	04,/08/8
A1.1.6.3	DELETE FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM ATC SYSTEM			05/18/8
A1.1.6.5	SUPPRESS DISPLAY OF FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM ALL DISPLAYS IN OWN SECTOR SUITE			Ø5/18/8
A1.1.6.6	RESTORE DISPLAY OF FLIGHT DATA ENTRY AND FULL DATA BLOCK TO ALL DISPLAYS ON OWN SECTOR SUITE			Ø5/18/8
A1.1.6.7	SUPPRESS DATA BLOCK FROM ALL DISPLAYS IN CHAN SECTOR SUITE		xxxx	Ø5/18/8
A1.1.6.8	RESTORE DATA LLOCK TO ALL DISPLAYS IN OWN SECTOR SUITE		xxxx	<i>8</i> 5/18/8
A1.1.6.9	SUPPRESS FLIGHT DATA ENTRY FROM ALL DISPLAYS IN OWN SECTOR SUITE		xxxx	Ø5/18/8
A1,1.6.10	RESTORE FLIGHT DATA ENTRY TO ALL DISPLAYS IN OWN SECTOR SUITE		xxxx	05/18/8
A1.1.6.11	ENTER FDE NOTATIONS		xxxx	Ø5/18/8
A1.1.6.12	DELETE FDE NOTATIONS		xxxx	Ø5/18/6
A1.1.6.13	RESEQUENCE FLIGHT DATA ENTRY MANUALI V		xxxx	Ø5/18/8
A1.1.6.14	DELETE CONTROLLER NOTE		xxxx	04/08/
A1.1.6.15	DELETE SCRATCH PAD DATA IN FULL DATA BLOCK		x   x   x	07/01/

		TASK STATEMENTS		
Task Number	Task Stutement	Coordination Coordinatees	Transition State	Revision Dute
		Voice Function Mail Automated Coord.  SSS\TAAS Controller Area Supervisor Area Manager Fight Service Fight Service Area Managen Fight Service	1SSS TAAS AOOC AERA 1 ERA 2 AERA 3	
A1.1.6.52	REMOVE OBSOLETE PAPER RECORDS OR RECORDED DATA		xx	Ø7/ <b>Ø</b> 7/88
A1.1.6.75	DELETE FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM LOCAL TAAS SYSTEM			Ø6/23/87
A1.2	RESOLVE AIRCRAFT CONFLICTS		xxxx	Ø5/18/87
A1.2.1	PERFORMING AIRCRAFT CONFLICT RESOLUTION		x x x x	Ø5/18/87
Λ1.2.1.1	DETECT AIRCRAFT CONFLICT ALERT INDICATION		X X X X	Ø5/18/87
A1.2.1.2	DETERMINE VALIDITY OF POTENTIAL AIRCRAFT CONFLICT NOTICE OR INDICATION		xxxx	Ø5/18/87
A1.2.1.3	RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRCRAFT CONFLICT IN SECTOR	V	xxxx	Ø5/18/87
A1.2.1.4	INFORM CONTROLLER OF POTENTIAL AIRCRAFT CONFLICY IN HIS SECTOR	V	xxxxx	Ø5/18/87
A1.2.1.5	FORWARD NOTICE OF AIRCRAFT CONFLICT TO SUPERVISOR	v	xxxx	Ø5/18/87
A1.2.1.7	REVIEW POTENTIAL CONFLICT SITUATION FOR RESOLUTION		xxxx	Ø5/18/87
A1.2.1.8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT CONFLICT SITUATION		x x x x	Ø4/Ø8/88
A1.2.1.9	PERCEIVE POTENTIAL AIRCRAFT CONFLICT SITUATION		xxxx	Ø5/18/87
н1.2.2	PERFORMING MINIMUM SAFE ALTITUDE PROCESSING		X X X X	Ø5/18/87
A1.2.2.1	DETECT MSAW INDICATION OR ALARM		x x x x	Ø5/18/87
A1.2.2.2	FORWARD NOTICE OF VALID MSAW OF FLIGHT ASSIST TO SUPERVISOR	V	x x x x	Ø5/18/87
A1.2.2.3	RECEIVE CONTROLLER NOTICE OF POTENTIAL MSAH IN SECTOR	V	xxxx	Ø5/18/87
A1.2.2.4	INFORM CONTROLLER OF POTENTIAL MSAM IN HIS SECTOR	V C T	xxxx	Ø5/18/87
A1.2.2.5	PERCEIVE POTENTIAL LOW ALTITUDE SITUATION		xxxx	Ø5/18/87

A1.2.2 A1.2.3 A1.2.3 A1.2.3 A1.2.3	2 3 2.7 3 3.1 5.2	DETERMINE VALIDITY OF MSAW NOTICE OR INDICATION  DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION  PERFORMING AIRSPACE CONFLICT PROCESSING  INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR  RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR  REQUEST RELEASE OF SPECIAL USE AIRSPACE  RECEIVE DENIAL OF USE		inution in initial in initial in initial in initial in	Automated Coord.		ISSS/IAAS Controller Area Supervisor	Flight Service Traffic Management S	Alway Facility/USC Darthway Facility/USC Darthway Meteorologist		Sase Operations Other Coordination		X   X   X   X   X   X   X   X   X   X	Sta Sta	AERA 2 at	### Revision Date  ### ### ### ### ### ### ### ### ### #
A1.2.3 A1.2.3 A1.2.3 A1.2.3	2.7 3 3.1 3.2	MSAW NOTICE OR INDICATION  DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION  PERFORMING AIRSPACE CONFLICT PROCESSING  INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR  RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR  REQUEST RELEASE OF SPECIAL USE AIRSPACE	V				С	Flight Service Traffic Management	Alivay Facility/DSO		Sase Operations Other Coordination		x x x	X X X X	AERA	04/08/88 05/18/87
A1.2.3 A1.2.3 A1.2.3 A1.2.3	2.7 3 3.1 3.2	MSAW NOTICE OR INDICATION  DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION  PERFORMING AIRSPACE CONFLICT PROCESSING  INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR  RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR  REQUEST RELEASE OF SPECIAL USE AIRSPACE	V	•			С						x	x x x		04/08/88 05/18/87
A1.2.3 A1.2.3 A1.2.3	3.5.1 5.2 3.3	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION  PERFORMING AIRSPACE CONFLICT PROCESSING  INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR  RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR  REQUEST RELEASE OF SPECIAL USE AIRSPACE	V	•	1					T			x	x x		<b>0</b> 5/18/87
A1.2.3	3.1 3.2 3.3	CONFLICT PROCESSING  INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR  RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR  REQUEST RELEASE OF SPECIAL USE AIRSPACE	V		4					T						
A1.2.3	3.2 3.3	INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR REQUEST RELEASE OF SPECIAL USE AIRSPACE	V	,	1					Т			x	x x		
A1.2.3	3.3	NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR REQUEST RELEASE OF SPECIAL USE AIRSPACE						111		4 1 1		1 1 1				Ø7/Ø7/88
		SPECIAL USE AIRSPACE	V	1 1 1	111	11				Т			X	xx	×	Ø5/18/87
A1.2.3	3.4	RECEIVE DENIAL OF USE			4		cs						x	x x	x	Ø5/18/8
1		OF SPECIAL USE AIRSPACE	V		4		cs						x	хx	x	Ø5/18/8
A1.2.3	3.5	RECEIVE APPROVAL FOR USE OF SPECIAL USE AIRSPACE	V		<b>u</b>		C S						x	xx	×	Ø5/16/8
A1.2.3	<b>3.</b> 7	PERCEIVE POTENTIAL AIRSPACE CONFLICT SITUATION											×	хx	x	Ø5/18/8
A1.2.3	3.8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE CONFLICT SITUATION											x	x x	x	Ø5/18/8
A1.2.	3.75	DETERMINE VALIDITY OF AIRSPACE COMPLICT NOTICE											×	×		07/01/8
A1.2.	4	ISSUING UNSAFE CONDITION ADVISORIES											×	хx	X	<b>95/18/8</b>
A1.2.	4.1	OBSERVE CISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT											×	×x	x	Ø5/18/8
A1.2.	4.3	FORMULATE ADVISORY/ SAFETY ALERT CONTENT											×	хx	x	Ø5/18/8
A1.2.	.4.4	DETECT ATRICAGE MANEUVER IN RESPONSE TO ADVISORY/ ALERT											×	xx	x	Ø5/18/8
A1.2.	.4.5	ISSUE TRAFFIC ADVISORY/ SAFETY ALERT IN RECARD 10 TRAFFIC PROXIMITY	·							ρ				x x	x	Ø5/18/8
A1.2.	.4.6	INFORM PILOT WHEN CLEAR OF TRAFFIC	v							Р			)	(x x	x	Ø5/18/
A1.2.	.4.7	ISSUE ADVISORY IN REGARD TO A NON-CONTROLLED OBJECT	٧							P			,	d x x	x	Ø5/18/

<u> </u>	**************************************	Coordination	FASK STATEMENTS	Transition	Revision
Task Number	Task Statement	Media	Coordingtees	State	Date
		Voice Function Mell Automated Coord.	ISSS\TAAS Controller Area Supervisor Area Benagar Filght Service Irafite Management Mission Coordinator Mission Coordinator Peteorologist Pioter Controller/Supide Central Flow Controller/Sup Aeronautical Radio Base Operations Other Coordination	1SSS TAAS ACCC ARENA 1 AERA 2 AERA 5	
A1.2.4.8	INFORM PILOT WHEN CLEAR OF NON-CONTROLLED OBJECT	v	P	xxxx	Ø5/18/97
A1.2.4.9	ISSUE ADVISORY IN REGARD TO RESTRICTED AIRSPACE PROXIMITY	v	P	xxxx	05/18/87
A1.2.4.10	ISSUE ADVISORY IN REGARD TO FLIGHT PLAN DEVIATION	v	P	xxxx	Ø5/18/87
A1.2.4.12	ISSUE SAFETY ALERT IN REGARD TO HINIMUM ALTITUDE	v	p	xxxx	Ø7/11/88
A1.2.4.13	OBSERVE DISPLAY FOR NON-CONTROLLED AIRBORNE OBJECTS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT			xxxx	Ø5/18/87
A1.2.4.14	OETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE			xxxx	<b>04/08/8</b> 8
A1.2.5	SUMPRESSING ALERTS				85/29/87
A1.2.5.2	SUPPRESS CONFLICT ALERT FOR PAIRED AIRCRAFT			xxxx	Ø5/18/87
A1.2.5.5	SUPPRESS MSAW FUNCTION FOR AN AIRCRAFT			xxxx	84/22/97
A1.2.5.75	DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN ALERT				04/08/88
A1.2.5.76	RESTORE SPECIFIC ALERT FUNCTION TO NORMAL				Ø4/Ø8/88
A1.3	MANAGE AIR TRAFFIC SEQUENCES			xxxx	Ø5/18/87
Λ1.3.1	RESPONDING TO TRAFFIC MANAGEMENT CONSTRAINTS/ FLOW CONFLICTS			x x x x	Ø5/18/87
A1.3.1.1	EVALUATE TRAFFIC MANAGEMENT CONSTRAINTS FOR EFFECT ON TRAFFIC FLOW			xxxx	04/22/87
A1.3.1.2	CHOOSE OPTION TO BRING AIRCRAFT INTO CONFORMANCE WITH TRAFFIC MANAGEMENT RESTRICTIONS				03/31/87
A1.3.1.3	DISCUSS DISCONTINUANCE OF TRAFFIC MANAGEMENT RESTRICTION/ TRAFFIC REROUTE WITH SUPERVISOR	v	S		Ø5/18/87
A1.3.1.4	REVIEW OPTIONS TO BRING AIRCRAFT INTO CONFORMANCE WITH TRAFFIC MANAGEMENT RESTRICTIONS			X X X X	Ø3/31/87
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ask Number	Task Statement		edia		roller	ment nator y/USC jy/USC	er/Superior	State	Date
		Voice Function	Mail Automated Coord.		ISSS\TAAS Controlle Area Supervisor Area Manager	Traffic Management Mission Coordinator Airway Facility/USC	Meteorologist Pilot Controller/Sup Gentral Flow Control Aeronautical Radio Base Operations Other Coordination	ISSS TAAS ACCC AERA 1 AERA 2 AERA 3	
<b>11.3.1.</b> 5	NECUTIAYE TRAFFIC MANAGEMENT ACTION WITH	v					Р	x x x x	Ø5/19/8
A1.3.1.6	PILOT  RECEIVE TRAFFIC  MANAGEMENT RESTRICTION	v	M		S	т		xxxx	£4/22/8
A1. <b>3</b> .1.8	RECEIVE SUPERVISOR NOTICE TO HOLO/ REROUTE TRAFFIC CLEAR OF CONTINGENCY	v	M		S			x x x x	Ø5/16/8
A1.3.1.9	REQUEST EXCEPTION TO TRAFFIC MANAGEMENT RESTRICTION	v	M		S	T		x x x x	Ø5/18/8
A1.3.1.10	REVIEW TRAFFIC DEMANDS AND TRAFFIC MANAGEMENT RESTRICTIONS WITH SUPERVISOR	v	H		s				25/18/8
A1.3.1.11	RECEIVE SUPERVISOR BRIEFING ON WHAT TRAFFIC CONDITIONS TO EXPECT	V			s				Ø5/18/8
A1,3.1.13	RECEIVE APPROVAL OF REQUEST FOR EXCEPTION TO FLOW RESTRICTION	v	M		s			xxxx	Ø5/18/8
A1.3.1.14	RECEIVE DENIAL OF REQUEST FOR EXCEPTION TO FLOW RESTRICTION	V	M		S	T.		x x x x	Ø5/18/
A1.3.1.75	REQUEST TRAFFIC MANAGEMENT ADVISORIES	ν	М		s	Т			07/01/
A1,3.2	PROCESSING DEVIATIONS							x x x x	Ø5/18/
A1.3.2.1	PERCEIVE AN ALTITUDE OR ROUTE DEVIATION							xxxx	Ø5/18/
A1.3.2.2	OBSERVE AIRCRAFT RESUMING NORMAL FLIGHT PLAN							x   x   x	Ø5/18/
A1.3.2.3	DETERMINE MANEUVER TO ESTABLISH/ RESTORE FLIGHT PLAN CONFORMANCE							x   x   x	05/06/
A1. <b>3</b> .2.4	RECEIVE CONTROLLER NOTICE OF AIRCRAFT FLIGHT PLAN DEVIATION	V	M		c		Т	xxxx	05/18/
A1.3.2.5	INFORM CONTROLLER/ SUPERVISOR OF AIRCRAFT FLIGHT PLAN DEVIATION	V	M		C S			x   x   x	07/01/
A1.3.2.9	REQUEST DISPLAY OF FUE FOR FLIGHT PLAN							x x x x	Ø5/18,
A1.3.2.1Ø	EVALUATE FLIGHT DATA TO DETERMINE FUTURE COURSE OF ACTION							xxxx	Ø5/18/
A1.3.2.12	EVALUATE ALTITUDE NONCONFORMANCE INDICATION FOR ACTION NEEDED							xxxx	Ø6/23,

Task Humber	Task Statement		rdination Media	Coordinatees	Transition State	Revision Date
		Voice	Mail Automated Coord.	ISSS\TAAS Controller Area Supervisor Area Manager Filght Service Traffic Management Mission Coordinator Mission Coordinator Mission Controller/Sup Pilot Pilot Poter Controller/Sup Central Flow Control Aeronautical Radio Grher Coordination	1SSS TANS ACCC AERA 1 AERA 2 AERA 3	
A1.3,2.13	EVALUATE UNREASONABLE MODE C INDICATION FOR ACTION NEEDED				xxxx	<b>0</b> 7/11/88
A1.3.2.14	DETECT UNREASONABLE MODE C INDICATION				xxxx	Ø7/11/88
A1.3.2.75	DETECT ALTITUDE NONCONFORMANCE INDICATION				x	Ø6/29/87
A1.3.3	RESPONDING TO SPECIAL USE AIRSPACE EVENTS				xxxx	<b>£</b> 5/18/87
A1.3,3,1	INFORM CONTROLLER/ SUPERVISOR/ PILOT CF AIRSPACE RESTRICTION IMPOSED/ RELEASE	v	M	CS	xxxx	Ø5/Ø6/87
A1.3.3.3	RECEIVE REQUEST FOR USE OF SPECIAL USE AIRSPACE FROM SUPERVISOR/ CONTROLLER/ PILOT	v	M	C S P	x x x x	Ø5/Ø6/87
A1.3.3.4	DETERMINE RESTRICTIONS TO USERS NECESSARY WITHIN RELEASED AIRSPACE				xxxx	<b>8</b> 5/19/87
A1. <b>3.3</b> .5	OBSERVE DISPLAY OF AIRSPACE RESTRICTION STATUS CHANGE				xxxx	Ø6/Ø1/8
A1.3.3.6	RECEIVE MOTICE OF AIRSPACE RESTRICTION/ RELEASE	V	M	C S X PT	x x x x	05/06/8
A1.3,4	ESTABLISHING ARRIVAL SEQUENCES				xxxx	Ø6/23/87
A1.3.4.1	DETERMINE DESCENT TIME OR POINT				xxxx	05/18/8
A1.3.4.2	PHOUSET TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY APPROACH FLOW TO AIRPORT OR SECTOR				xxxx	Ø4/22/8
A1.3.4,4	REQUEST AIRCRAFT BE REPOUTED	V	M	C S T	xxxx	84/38/8
A1.3,4,5	PROJECT MENTALLY THE RANGE/ BEARING BETWEEN AIRCRAFT				xxxx	Ø5/Ø6/8
A1.3.4.6	PROJECT MENTALLY THE ARRIVAL FLOW FOR AIRCRAFT LANDING IN OR NEAR THIS SECTOR				x x x x	Ø4/27/8
A1.3,4.7	ISSUE NEW ATIS CODE	v		P	xxx	Ø6/29/8
A1.5.4.8	INFORM PILOT TO OBTAIN NEW ATIS INFORMATION				xxx	Ø6/29/8
A1,3.4.9	ISSUE ATIS INFORMATION	V		Р	x x x	Ø6/29/8
A1.3.5	MANACING DEPARTURE FLOWS				xxxx	Ø6/23/8

ask Number	Task Statement	C	oord Me	inati dia	.on			Coc	rdin	otee	s				isit itat	ion e	Revision Date
		Voice	Function	Mail	Automated Coord.	ISSS\IAAS Controller	<u>₹</u> ₹	Filght Service Traffic Management Mission Coordinator	Airway Facility/OSC	Pilot Tower Controller/Sup	Central Flow Control	Other Coordination	\$55	TAAS	AERA 1	AERA 3	
****																	
11.3.5.1	VALIDATE MODE C ALTITUDE												X	(x	(X		Ø5/18/87
1.3.5.2	ENTER REPORTED ALTITUDE												×	x,	( x		Ø5/18/67
1.3.5.3	RECEIVE NOTICE OF MISSED APPROACH	٧	F							PT			×	(x)	(X		Ø5/18/87
1.3.5.4	PROJECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY DEPARTURE FLOW												<b>)</b>	( x	x		Ø7/Ø1/88
1.3.6	MONITORING NON-CONTROLLED OBJECTS														×Χ		Ø5/18/8
1.3,6.1	OBSERVE AIRSPACE INTRUSION BY A NON-CONTROLLED OBJECT													( x :	∢  x		Ø5/18/8
1.3 6.2	ENTER CONTROLLER NOTE												)	(x	x x		04/08/8
1.3.6.¥	FLIGHT-FOLLOW AN OBSERVED NON-CONTROLLED OBJECT												)	( x	x x		05/18/0
1.3 6.4	FORWARD NOTICE OF AIRSPACE INTRUSION BY A NON CONTROLLED OBJECT	V		M		c	S	τ						(x	х		Ø5/18/8
1.3.6.5	PECEIVE NOTICE OF AIRSPACE INTRUSION BY A NON-CONTROLLED OBJECT	٧		м		c	s	1					;	(x	хx		Ø5/13/8
1.3.7	RESPONDING TO TEMPORARY RELEASE OF AIRSPACE REQUESTS													х	x		Ø5/18/8
1.3.7.1	RECEIVE CONTROLLER/ SUPERVISOR REQUEST FOR TEMPORARY USE OF AIRSPACE	V		M		С	s				г			xx	xx		Ø5/Ø4/E
1.3.7.2	FORWARD APPROVAL FOR TEMPORARY USE OF AIRSPACE	٧		M		c	s				-   			xx	xx		05/04/8
1.3.7.3	FORWARD DENIAL OF TEMPORARY USE OF AIRSPACE	V		M			S				т			xx	x		05/18/6
11.3.7.4	SUPPRESS MAP ASSOCIATED WITH TEMPORARY USE OF AIRSPACE													x x	x		Ø5/18/
11.3.7.5	DISCUSS RELEASE OF AIRSPACE FOR TEMPGRARY USE WITH SUPERVISOR/ OTHER CONTROLLER	V					S							ХX	хх		07/01/3
11.3.7.6	SELECT MAP DISPLAY OF ADAPTED AIRSPACE REQUESTED FOR USE BY ANOTHER CONTROLLER													xx	x x		Ø5/18/
11.3.7.7	EVALUATE FEASIBILITY OF RELEASING AIRSPACE TEMPORARILY													хх	x		Ø5/18/
41.3.7.8	RECEIVE NOTIFICATION OF RETURN OF RELEASED AIRSPACE	V		M			s				т			x	X		Ø6/Ø1/3

	Task Number	Task Statement	С	oordination Media	ASK STA		Coarding	tees	Tro	onsition State	Revision
			Voice	Function Mail Automated Coord.		SSS\TAAS Controller rea Supervisor rea Manager light Service	Mission Coordinator Airway Facility/05C	Pilot Tower Controller/Supa Tower Control Central Flow Confrol Aeronaultal Radio Base Operations Other Ccondination	X S	ACCC AERA 2 AERA 3 AERA 3	Date
i			»			S & & E '	- F 4 8	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TA IS		
	A1.3.8	REQUESTING TEMPORARY RELEASE OF AIRSPACE							хx	x x	ø5/18/27
Ì	A1.3.8.1	REQUEST TEMPORARY USE OF AIRSPACE	v	M		cs			хx	xx	Ø5/18/87
ı	A1.3.8.2	RECEIVE RELEASE/ USE OF AIRSPACE	v	M		cs			хх	x x	Ø5/Ø6/87
	A1.3.9.3	RECEIVE REJECTION OF USE OF AIRSPACE	٧	M		c s			хx	x x	Ø5/18/87
	A1.3.8.4	FORWARD NOTICE OF RETURN OF RELEASED AIRSPACE	v	M		c s		Т	ХX	x x	Ø6/Ø1/88
	A1.4	ROUTE OR PLAN FLIGHTS							хx	x x	Ø5/18/87
	A1.4.1	PLANNING CLEARANCES							хx	x x	Ø5/18/87
	A1.4.1.1	RECEIVE CONTROLLER NOTICE ON REQUESTED CLEARANCE OF AIRCRAFT LEAVING HIS SECTOR	٧	M		c		T	××	xx	Ø5/18/87
	A1.4.1.2	RECEIVE CLEARANCE REQUEST FROM ATCT/ FSS/ PILOT/ SUPERVISOR	V	M		S F		PT	××	xx	Ø5/18/07
	A1.4.1.3	RECEIVE CONTROLLER REQUEST FOR CLEARANCE/ APPROVAL	٧	M		С		T	x x	x x	Ø5/18/87
	A1.4.1.4	FORWARD CLEARANCE REQUEST TO ANOTHER CONTROLLER	٧	M		С		T	xx	x x	Ø5/18/87
	A1.4.1.5	REQUEST CLEARANCE/ APPROVAL FROM ANOTHER CONTROLLER	٧	M		С		Т	x x	xx	Ø5/18/87
	A1.4.1.6	RECEIVE CLEARANCE APPROVAL/ CLEARANCE RESTRICTIONS FROM ANOTHER CONTROLLER	V	M		c		Т	x x	x x	Ø5/Ø6/87
	A1.4.1.7	RECEIVE CLEARANCE DISAPPROVAL/ DENIAL FROM ANOTHER CONTROLLER	٧	M		С		Ţ	xx	x x	Ø5/18/87
	A1.4.1.9	RECEIVE ALTERNATE SUGGESTION FOR CLEARANCE/ APPROVAL REQUESTED OF ANOTHER CONTROLLER	V	M		С		T	x x		<b>0</b> 5/18/87
	A1.4.1.10	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE							x x	xx	Ø5/18/87
	A1.4.1.12	DISCUSS CLEARANCE ALTERNATIVES WITH PILOT	v					P	x x	x x	Ø5/18/87
	A1.4.1.13	EVALUATE FDE CHANGES FOR CLEARANCE PLANNING OR FUTURE ACTIONS							x x	xx	Ø5/18/87
	A1.4.1.14	DETERMINE PRIORITY OF CONTROL ACTIONS							x x	xx	Ø5/18/87
	A1.4.1.14	DETERMINE PRIORITY OF							хх	xx	

ask Number	Task Statement	Coordination Media	Coordinatees	Transition State	Revision Date
		Voice Function Mail Automated Coord.	ISSS/TAAS Controller Area Supervisor Area Manager Flight Service Traffic Management Mission Coordinator Anay Facility/DSC Meterologist Pilot Tower Controller/Superior Central Flux Control Base Operations Other Coordination	15SS TAAS ACCC AERA 1 AERA 2 AERA 3	
41.4.1.15	PERCEIVE NEED FOR AMENDED CLEARANCE			XXXXX	Ø5/18/87
1,4,1,16	FORMULATE CONTROLLER PLAN OF ACTION FOR CLEARANCE GENERATION			XXXX	Ø5/18/87
11.4.1.75	DETERMINE APPROPRIATE MENTAL PLAN FOR AIRCRAFT CLEARANCE			x x	Ø6/29/87
1.4.2	RESPONDING TO CONTINGENCIES			xxxx	Ø5/18/87
1.4.2.1	DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	V M	cs	xxxx	Ø6/Ø1/88
41.4.2.2	RECEIVE NOTICE OF PILOT OR AIRCRAFT HAVING A PROBLEM (E.G., OVERDUE, LOSS OF RADIO CONTACT)	V	CS F PT B	x   x   x	Ø4/Ø8/88
A1.4.2.3	ISSUE INSTRUCTIONS TO PILOT (NORDO) FOR IDENTIFICATION TURN/ TRANSPONDER RESPONSE	V			Ø7/Ø1/88
A1.4.2.4	DETECT A PILOT OR AIRCRAFT PROBLEM (E.G., HYPOXIA, EXCEPTION BEACON CODE)	V	P	XXXX	Ø5/18/87
41.4.2.5	FORWARD CONTINGENCY INFORMATION TO SUPERVISUR/ ANOTHER CONTROLLER	V	СЅ	x x x x	Ø5/18/8:
A1.4.2.6	INFORM DESIGNATED PERSONNEL OF AIRCRAFT HAYING FLIGHT PROBLEMS	V	S F T	x x x x	Ø5/18/8
A1.4.2.7	REQUEST RELAY OF INSTRUCTIONS TO PILOT (NORDO) FOR IDENTIFICATION TURN/ TRANSPONDER RESPONSE	V	CS F PT	x   x   x	Ø6/Ø1/8
41.4.2.8	CONDUCT SEARCH FOR AIRCRAFT WITHOUT RADIO CONTACT	V	c S F P B	x x x x	Ø5/18/8
A1.4.2.9	OBSERVE AIRCRAFT TURN/ TRANSPONDER RESPONSE FOLLOWING IDENTIFICATION REQUEST			xxxx	Ø5/18/8
A1.4.2.1Ø	CONDUCT RADIO/ RADAR SEARCH FOR OVERDUE AIRCRAFT	V	S F B	x x x x	Ø5/Ø6/8
A1.4.2.11	RECEIVE SUPERVISOR MOTICE OF EMERGENCY DECLARED AND CUNTINGENCY PLAN INVOKED	V	S	xxxx	Ø5/18/I
A1.4.2.12	RECEIVE SUPERVISOR NOTICE 10 CONDUCT COMMUNICATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT	v	s, l	xxx	Ø5/18/I

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	Task Number	Task Statement	Media				dinatees	Stote_	Date
			Voice Function Mail	Automated Coord.		ISSS/TAAS Controller free Supervisor Area Manager Filight Service Traffic Management Mission Coordinator	Armay ratility, both the control of	I SSS I TAAS A CCC AERA 1 AERA 2 AERA 3	
	A1.4.2.13	RECEIVE NOTICE THAT SUPERVISOR WILL CONDUCT COMMUNICATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT	v			S		xxxx	Ø7/ <b>§</b> 1/88
	A1.4.2.14	RECEIVE PILOT NOTICE OF EMERGENCY DECLARED	v				P	x   x   x	ØS/18/87
	A1.4.3	RECOGNIZING SPECIAL CPERATIONS						x   x   x	Ø5/18/87
	A1.4.3.1	PERCEIVE PRESENCE OF SPECIAL OPERATION						x x x x	Ø5/18/87
	A1.4.3.2	RECEIVE REVIEW/ NOTICE OF SPECIAL OPERATION	V M			CST	PT	x x x x	Ø7/11/88
	A1.4.3.3	FORWARD NOTICE OF SPECIAL OPERATIONS TO ANOTHER CONTROLLER/ SUPERVISOR	V			cs	T	x   x   x   x	Ø5/18/87
	A1.4.4	REVIEWING FLIGHT PLANS			<b>!</b>			xxxx	Ø5/18/87
	A1.4.4.1	OBSERVE NEW FLIGHT PLAN POSTING						xxxx	Ø5/18/87
	A1.4.4.2	REVIEW FLIGHT PLAN FOR COMPLETENESS						x   x   x	Ø5/18/87
1	A1.4.4.3	ENTER FLIGHT PLAN						xxxx	Ø5/18/87
į	A1.4.4.4	ACKNOWLEDGE NEW FLIGHT PLAN RECEIPT						x x x x	05/18/87
	A1.4.4.5	REVIEW FLIGHT PLAN FOR ERRORS/ DATA LIST SEQUENCE						x   x   x	Ø5/18/87
	A1.4.4.6	RECEIVE FLIGHT PLAN FROM PILOT	v				P	x x x x	05/19/87
	A1.4.4.7	RECEIVE FLIGHT PLAN VERBALLY FORMARDED	V			C F	T BO	xxxx	Ø5/18/87
	A1.4.4.8	QUERY PILOT ABOUT FLIGHT PLAN	v				P	x x x x	Ø5/18/87
	A1.4.4.9	QUERY THE RELAYER OF A FLIGHT PLAN	V			C F	Т	xxxx	Ø5/18/87
	A1.4.4.1Ø	FORWARD FLIGHT PLAN VERBALLY	V			C F	Т     Т	x x x x	Ø5/18/87
	A1.4.4.11	ENTER STEREO FLIGHT PLAN						x x x x	Ø5/18/87
	A1.4.4.12	ENTER VFR FLIGHT PLAN						xxxx	05/18/87
	A1.4.4.13	REQUEST FLIGHT PLAN REAGOUT						xxxx	04/30/87
	A1.4.4.14	ENTER SCRATCH PAD DATA IN FULL DATA BLOCK						x x x	07/01/88
	A1.4.5	PROCESSING FLIGHT PLAN AMENDMENTS						x x x x	Ø5/Ø1/87
<b>'</b>	A1.4.5.1	RECEIVE FLIGHT DATA REVISION						xxxx	Ø5/18/87

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		Voice Function Mail Automated Coord.	ISSS\TAAS Controller Area Supervisor Area Manager Flight Service Traffic Management Mission Coordinator Service Management Supercologist Flow Controller/Supercontical Radio Base Operation Other Coordination	1SSS TAAS ACCC AERA 1 AERA 2 AERA 3	
A1.4.5.2	EMPHASIZE FLIGHT DATA ENTRY POSTING FOR			xxxx	Ø5/18/87
A1.4.5.3	REMINDER ACTION  ENTER FLIGHT PLAN  AMENDMENT			xxx	<b>0</b> 5/18/87
A1.4.5.4	ENTER PILOT'S POSITION REPORT IN SYSTEM			xxxx	Ø5/19/87
A1.4.5.5	DELETE FLIGHT DATA ENTRY EMPHASIS			xxxx	05/01/87
A1.4.5.6	RECEIVE FLIGHT PLAN AMENDMENT VERBALLY FORWARDED	V	C F T B 0	xxxx	Ø5/18/87
A1.4.5.7	RECEIVE PILOT'S POSITION REPORT	v	F P B 0	. x x x	05/18/87
A1.4.5.8	FORWARD FLIGHT PLAN AMENDMENT VERBALLY	V	C F T	xxxx	<b>8</b> 5/18/87
A1.4.5.9	INFORM CONTROLLER UNABLE FLIGHT PLAN AMENDMENT	V		xxxx	<b>05/18/97</b>
A1.4.5.10	RECEIVE CONTROLLER ADVICE OF UNABLE FLIGHT PLAN AMENDMENT	V		x x x x	Ø5/18/87
A1.4.5.11	RECEIVE REQUESTED FLIGHT PLAN CHANGES	V M	CIS FIT PT 0	xxxx	Ø5/18/87
A1.4.6	RECEIVING TRANSFER OF CONTROL/ RADAR IDENTIFICATION			xxxx	05/18/87
A1.4.6.1	RECEIVE HANDOFF REQUEST	VF	τ	x x x x	Ø5/18/87
A1.4.6.2	DENY HANDOFF	VF	С	x x x x	Ø5/18/87
A1.4.6.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	v		x   x   x   x	Ø5/Ø6/87
A1.4.6.4	ACCEPT AUTOMATIC HANDOFF	F	C T	xxxx	<b>8</b> 5/18/87
A1.4.6.5	DETERMINE THAT AIRCRAFT IS ENTERING SECTOR			xxxx	Ø5/18/87
A1.4.6.6	DETERMINE RESPONSE TO HANDOFF REQUEST			xxxx	05/18/87
A1.4.6.7	RECEIVE CONTROL OF AIRCRAFT	V	С	x x x x	Ø5/18/87
A1.4.6.8	REQUEST TRANSFER OF CONTROL	V M	С	x   x   x	05/18/87
A1.4.7	INITIATING TRANSFER OF CONTROL/ RADAR IDENTIFICATION			x x x x	Ø5/18/87
A1.4.7.1	INITIATE HANDOFF FUNCTION	F	Т	x   x   x	Ø5/18/87
A1.4.7.2	OBSERVE AUTOMATIC INITIATION OF HANDOFF			x x x x	Ø5/18/87

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	TASK STATEMENTS  Coordination Transition Revision								
Task Number	Task Statement	Media Media	Coordinates	Transition State	Revision Date				
		Voice Function Mall Automated Coord.	ISSS\TAAS Controller Area Supervisor Area Manager Flight Service Traffic Management Som Mission Coordinator God Mission Coordinator God Mission Coordinator God Mission Coordinator God Maronautical Radio Base Operations  Other Coordination	ISSS TAAS ACCC ARERA 1 AERA 2 AERA 3					
A1.4.7.3 A1.4.7.4 A1.4.7.5 A1.4.7.6 A1.4.7.7 A1.4.7.8 A1.4.7.10 A1.4.7.11 A1.4.7.12 A1.4.7.13 A1.4.7.15 A1.4.7.15 A1.4.8.1 A1.4.8.3 A1.4.8.3 A1.4.8.5 A1.4.8.7 A1.4.9 A1.4.9.6	RETRACT HANDOFF RECEIVE HANDOFF ACCEPTANCE  DISCUSS TRANSFER OF CONTROL WITH OTHER CONTROLLER  INITIATE VERBAL HANDOFF RECEIVE REQUEST FOR TRANSFER OF CONTROL  DETERMINE THAT AIRCRAFT IS LEAVING SECTOR  DETECT MANUAL HANDOFF MODE INDICATION REQUEST TRANSFER OF FLIGHT PLAN DATA TO ANOTHER FACILITY  INFORM CONTROLLER OF ANY CONDITIONS AFFECTING TRANSFER OF CONTROL  INFORM CONTROLLER OF RELINQUISHED CONTROL OF AIRCRAFT  DETECT HANDOFF RECEIVE ACCEPTANCE OF POINTOUT  RECEIVE ACCEPTANCE OF POINTOUT  DISCUSS POINTOUT WITH OTHER CONTROLLER RESPONDING TO POINTOUTS  RECEIVE POINTOUT	V F V F F F V V V V V V V V V V V V V V	C T T T C C T T T C C T T T C C T T T C C T T T C C T T T C C C T T T C C C T T T T C C C T	N	### ### ### ### ### ### ### ### ### ##				
A1.4.9.2 A1.4.9.3 A1.4.9.4	RECEIVE POINTOUT  ACCEPT POINTOUT  DENY POINTOUT  SUPPRESS FULL DATA BLOCK AFTER POINTOUT  DETERMINE RESPONSE TO POINTOUT	V F V F	C C T		87/81/88 87/81/88 87/81/98 86/82/88 85/18/87				

	TASK STATEMENTS								
Task Number	Task Statement	Coordination Coordinates	Transition State	Revision : Date					
		Molce Function Mail Automated Coord. ISSS/IAMS Controller Area Supervisor Area Manager Filight Service Traffic Management Mission Coordinator Mission Coordinator Pilot Cower Controller/Superior Pilot Cervical Flow Control Meteorologist Palot Cervical Flow Control Base Operations Other Coordination Other Coordination	15SS 1AAS ACCC ARRA 1 AERA 2 AERA 5						
-	· · · · · · · · · · · · · · · · · · ·								
A1.4.16	ISSUING CLEARANCES APPROVE CLEARANCE	v M C S F	x x x x	Ø5/18/87 Ø5/18/87					
A1.4.10.3	REQUEST SUGGEST CLEARANCE ALTERNATIVES TO PILOT	v:	xxxx	Ø5/18/87					
A7.4.18.4	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS		x x x x	Ø5/18/ <b>9</b> 7					
A1.4.1#.5	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	V	xxxx	<b>5</b> 5/18/87					
A1.4 18.6	ISSUE CLEARANCE THROUGH ATCT/FSS FOR RELAY TO PILOT	V M T	xxxx	Ø5/18/87					
A1.4.10.7	VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE		x x x x	Ø5/18/87					
A1.4.16.9	QUERY PILOT REGARDING COMFORMANCE WITH CLEARANCE	V	x x x x	Ø5/18/87					
A1.4.10.9	DENY CLEARANCE REQUEST	V	xxxx	Ø5/18/87					
A1,4,18.18	SUGGEST ALTERNATIVE TO CLEARANCE REQUEST FROM CONTROLLER	V       M	xxxx	Ø5/18/87					
A1.4. i2	MANAGING AUTOMATED HANKNOFF FEATURES		xxxx	Ø4/Ø8/88					
A1.4.12.1	INHIBIT AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK		xxxx	Ø5/18/87					
A1.4.12.2	RESTORE AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK		xxxx	Ø5/18/87					
A1,4.13	ESTABLISHING, MAINTAINING, AND TERMINATING RACID COMMUNICATIONS		XXXX	Ø5/18/87					
A1.4.13.1	RECEIVE REQUEST TO CANCEL AIR TRAFFIC SERVICES	V	xxxx	Ø5/18/87					
A1.4.13.2	TERMINATE RADIO COMMUNICATIONS WITH AIRCRAFT	V;	x x x x	05/18/07					
A1,4 13,3	RECEIVE ARRIVAL MESSAGE	v	xxxx	Ø5/18/87					
A1.4.13.4	DETERMINE FREQUENCY IN USE BY RECEIVING SECTOP		xxxx	Ø5/18/87					
A1.4.13.5	ISSIC CHANGE OF FREQUENCY TO PILOT	vi	x x x x	Ø5/18/87					
A1.4.13.6	RECEIVE INITIAL RADIO CONTACT FROM PILGT	V	xxxx	Ø5/18/87					
A1.4.13.7	ISSUE ALTIMETER SETTING		x x x x	Ø5/18/87					
P.2	F/F 4 A / A P. 87-()1 (V/) [ #/)								

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1	TASK STATEMENTS  Coordination   Transition   Payteion								
ļ	Task Number	Task Statement		rdination Media	Coordinatees	Transition State	Revision Date		
			Voice Function	Mail Automated Coord.	ISSS\TAAS Controller Area Supervisor Area Hanger Filght Service Traffic Management Alrow Coordination Controller/Sup Controller/Sup Gentral Flow Control Aerorautical Radio Gener Coordination	1555 1745 ACC AERA 1 AERA 2 AERA 3			
ł									
	A1.4.13.8	VERIFY AIRCRAFT ALTITUDE	v		P. P.	xxxx	đ5/18/87		
	A1.4.14	ESTABLISH.NG/ REESTABLISHING RADAR IDENTIFICATION				x   x   x	Ø5/18/87		
	A1.4.14.1	OBSERVE TARGET ENTERING RADAR COVERAGE				xxxx	05/18/87		
	A1.4.14.2	INFORM PILOT THAT RADAR CONTACT IS ESTABLISHED	v		P	xxxx	05/18/87		
	A1,4,14,3	CONDUCT RADAR ICENTIFICATION PROCEDURES	v		P	xxxx	Ø6/27/60		
	A1.5	ASSESS WEATHER IMPACT				xxxx	Ø5/18/87		
	A1.5.1	RESPONDING TO SIGNIFICANT WEATHER INFORMATION				xxxx	65/13/87		
	A1.5.1.3	RECEIVE WEATHER BRIEFING FROM METEOROLOGIST	v	M	W	x x x x	<b>05/18/8</b> 7		
	A1.5.1.5	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY				xxxx	05/18/87		
	A1.5.1.9	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILOT/ ANOTHER CONTROLLER	v	M	C	XXXX	ØS/Ø6/87		
	11.5.1.10	INFORM SUPERVISOR/ TMC OF WEATHER IMPACT ON ROUTES/ FLOW	V	M	S	x x x x	<b>მ</b> 5/ <b>9</b> 9/67		
	A:.5.1.12	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR/ METEOROLOGIST	v	F	C S	xxxx	05/18/87		
	A1.5.1.13	RECEIVE CONTROLLER REQUEST FOR WEATHER INFORMATION	v	M	С	x x x	Ø5/18/67		
	A1.5.1.14	FORMARD WEATHER INFORMATION TO SUPERVISOR/ METEOROLOGIST	v	M	S	X X X X	Ø5/Ø6/87		
	A1.5.1.16	BROADCAST RECORDED WEATHER INFORMATION	V			xxxx	05/18/87		
	A1.5.1.18	REQUEST SUPERVISOR/ TMC TO RELEASE AIRSTACE	v	M	S.   T	xxxx	07/U:/88		
	A1.5.1.22	ENTER AIRPORT ENVIRONMENTAL DATA INTO SYSTEM					06/29/87		
20	A1.5.1.75	OBSERVE DISPLAY OF WEATHER LINE/ INTENSITY/ MOVEMENT				x x	Ø6/Ø2/88		
	A1.5.1.76	DETERMINE WEATHER IMPACT ON ROUTES/ FLOW				x x	Ø6/29/87		

	TASK STATEMENTS  Coordination Transition Revision							
Task Number	Task Statement	Media Coordinatees	State	Date				
		Voice Function Mail Automated Coord. ISSSNIAAS Controller Area Manager Finght Service Finght Service Mission Coordinator Airway Facility/DSC Meteorologist Jower Controller/Sup Service Manager Finght Service Airway Facility/DSC Meteorologist Jower Controller/Sup Service Goordination Accounting Radio Ascondination Accordination	15SS TAAS ACCC AERA 1 AERA 2 AERA 3					
A1.5.1.77	DETERMINE ALTITUDE/ROUTE CHANGE TO BYPASS SEVERE WEATHER		xx	Ø6/29/87				
A1.5.1.78	EVALUATE IMPACT OF NEW A&M CONDITION		x	ØS/23/87				
A1.5.'.79	RECEIVE PIREP ON WEATHER	V	x	06/29/87				
A1.5.1.8Ø	RECEIVE NEW ROUTING FOR WEATHER AVOIDANCE FROM SUPERVISOR/ TMC	V M M	x x	Ø6/29/87				
A7.5.1.81	FORWARD UPGENT PIREP TO OTHER CONTROLLER	V M T	xx	07/12/88				
A1.5.1.82	RECORD PIREP NOTE		xx	66/82/88				
A1.5.1.83	REQUEST WEATHER INFORMATION	v     M	x	07/01/8				
A1.5.2	PROCESSING WEATHER REPORTS		xxxx	Ø5/18/8				
A1.5.2.1	RECEIVE AIRPORT SPECIFIC NOTAM	V F M S T T	xxx	06/02/8				
A1.5.2.2	RECEIVE WEATHER REPORT UPDATE (E.G., HOURLY SURFACE OBSERVATION)	ν   M   S	xxxx	06/27/8				
A1.5.2.4	DETERMINE WHETHER RUNNAY CONDITIONS HAVE CHANGED		xxxx	05/18/6				
A1.5.2.5	DETERMINE WHETHER CONTROL ZONE IS IFR/VFP.		x x x x	05/18/6				
A1.5.2.6	REVIEW ATIS VOICE RECORDING		x x x x	Ø5/18/8				
A1.5.2.7	FORHARO RUNHAY USE DATA	V   M   S   T	xxxx	Ø5/18/				
A1.5.2.9	RECEIVE RUNNAY USE DATA	V F M S T T T T T	l xxxx	06/29/8				
A1.5.2.10	DETECT AIRPORT ENVIRONMENTAL DATA ALERT		x x x	Ø7/E1/				
A1.5.2.11	DETERMINE FAULTY AIRPORT ENVIRONMENTAL SENSOR		xxxx	Ø5/18/8				
A1.5,2.12	ENTER AIRPORT FMVIRONMENTAL SENSOR DATA OVERRIDE		xxxx	Ø6/23/I				
A1.5.2.13	RECEIVE NOTICE OF FAULTY AIRPORT ENVIRONMENTAL SENSOR	V   N   T   T   T   T   T   T   T   T   T	x   x   x	ø5/18/				
A1.5.2.76	RECEIVE GENERAL NATURE	V   M	x	06/02/				
A1.5.2.77	ACKNOWLEDGE AIRPORT ENVIRONMENTAL DATA ALERT		x	Ø6/25/				

TASK STATEMENTS  Coordination   Transition   Revision							
Task Number	Task Statement	Media Coordinateas	State	Date Date			
		Function Mail Automated Coord.  ISSS\TAMS Controller Area Marager Flight Service Fright Service	15SS TTAAS TTAAS ACCC AERA 1 AERA 2 AERA 3				
A1.5.2.78	REVIEW DISPLAYED WEATHER INFORMATION			Ø6/23/87			
A1.6	MANAGE SECTOR/POSITION RESOURCES		xxxx	Ø5/18/87			
A1.6.1	BRIEFING RELIEVING CC TROLLERS		xxxx	Ø5/18/87			
A1.6.1.1	BRIEF RÉLIEVING CONTROLLER	v	xxxx	Ø5/18/87			
A1.6.1.2	SIGN OFF AT CONSOLE		xxxx	Ø5/18/87			
A1.6.1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT		xxxx	Ø5/18/87			
A1.6.2	ASSUMING POSITION RESPONSIBILITY		x x x	Ø5/2Ø/87			
A1.6.2.1	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF		xxxx	Ø5/18/87			
A1.6.2.3	VERIFY THAT ALL REQUIRED PARAMETERS ARE IN PROPER LOCATION		xxxx	Ø5/18/87			
A1.6.2.4	SIGN ON AT DESIGNATED CONSOLE		xxxx	<b>85/18/87</b>			
A1.6.2.5	ADJUST WORKSTATION TO PERSONAL PREFERENCE		xxxx	Ø5/13/87			
A1.6.2.6	CHECK WORKSTATION FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS		xxxx	Ø5/18/87			
A1.6.2.7	SET UP WORKSTATION ADAPTATION PARAMETERS		xxxx	Ø5/18/87			
A1.6.2.8	REVIEW BRIEFING CHECKLIST/ NOTES TO ASSURE COMPLETENESS OF BRIEFING COVERAGE		xxxx	Ø5/18/87			
A1.6.2.9	REQUEST IMPLEMENTATION OF PROGRAMMED PERSONAL PREFERENCE ADJUSTMENTS		xxxx	Ø5/18/87			
A1.6.2.10	DETERMINE IF READY TO ACCEPT CONTROL RESPONSIBILITY		xxxx	ð5/18/87			
A1.6.2.75	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER			Ø6/29/87			
A1.6.3	RESPONDING TO TRANSIENT CUMPUTER FAILURES		x x x x	Ø5/18/87			
A1.6.3.1	DETECT NON-ACCEPTANCE OF INPUT DATA		xxx	Ø5/18/97			
A1.6.3.2	INFORM SUPERVISOR OF TRANSIENT EQUIPMENT FAILURE	v M S	xxxx	Ø5/18/87			

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	TASK STATEMENTS							
Task Number	Task Statement	Coordination Media	Coordinatees	Transition State	Revision Dote			
		Voice Function Mail Automated Coord.	ISSS\TAAS Controller Area Supervisor Area Supervisor Filght Service Traffic Manager Mission Coordinator Airway Facility/DSC Meteorologist Promer Controller/Sup Central Flow Controller/Sup Central Flow Controller/Sup Gentral Flow Controller/Sup Central Flow Central F	ISSS TAAS ACC AERA 1 AERA 2 AERA 3				
	· · · · · · · · · · · · · · · · · · ·							
A1.6.4	EXECUTING BACKUP PROCEDURES FOR SECTOR SUITE FAILURES				Ø5/18/87			
A1,6,4.1	DETECT OCCURRENCE OF SECTOR SUITE FAILURE			xxx	Ø5/18/87			
A1.6.4.2	OBSERVE SECTOR SUITE DATA BASE RESTORATION COMPLETION MESSAGE			x x x x	Ø5/18/87			
A1.6.4.3	FORWARD NOTICE OF EQUIPMENT STATUS	V	CS FT PT	xxxx	Ø5/18/87			
A1.6.4.4	RECEIVE STATUS OF SECTOR SUITE FAILURE FROM CONTROLLER / SUPERVISOR	V	C S	xxxx	06/29/87			
A1.6.4.5	REQUEST SPECIFIED DISPLAY DATA BE PRESENTED ON AND CONTROLLED AT A SPECIFIC COMMON CONSOLE				Ø6/Ø2/88			
A1.6.5	EXECUTING BACKUP PROCEDURES FOR TAAS FAILURES				Ø6/Ø1/87			
A1.6.5.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	v	S	xxxx	Ø8/29/87			
A1.6.5.6	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	V	C S A T		Ø6/29/8?			
A1.6.5.75	DETECT OCCURRENCE OF YAAS FAILURE				06/23/87			
A1.6.5.76	REVERT TO TAAS BACKUP PROCEDURES (TBD)	v			Ø6/2 <b>3</b> /87			
A1.6.5.77	REVERT TO TAAS EMFRGENCY MODE PROCEDURES (TBU)	v			Ø6/23/87			
A1.6.5.78	REVERT TO TAAS REDUCED CAPABILITY MODE PROCEDURES (TBD)	v	S		Ø6/23/87			
A1.6.6	EXECUTING BACKUP NAVAID PROCEDURES			x x x x	05/18/87			
A1.6.6,1	DETERMINE AIRCRAFT NEEDING SUBSTITUTE ROUTING			xxxx	Ø5/18/87			
A1.6.6.2	REVIEW STATUS OF QUESTIONABLE NAVAID	V F	S F P 0	x x x x	Ø5/18/87			
A1.6.6.3	OBSERVE SUBSTITUTE ROUTING ON DISPLAY			xxxx	Ø5/18/87			
A1.6.6.4	RECEIVE NOTICE OF NAVAID STATUS	V	CS F PT	x   x   x	Ø5,/18/87			
A1.6.6.5	RECFIVE SUBSTITUTE ROUTING	V	cs	xxxx	<b>0</b> 5/18/87			

_	TASK STATEMENTS  Coordination Transition Revision																												
	Task Number	Task Statement			dir ledi		on	_			<u>-</u>		Co	ord:	inat	ees	<del></del>				$\downarrow$	1			lti ote		₽ <sup>R</sup>	evision Nate	
			Votce	Function Automated Coord.  Automated Coord.  ISSS\TAAS Controller Area Supervisor Area Manager Filght Service Traffic Management of Mission Coordinator of Mateorologist Pilot Comercal Flow Controller Aerorautical Radio						ISSS TAAS AGGC AERA 1 AERA 2 AERA 3																			
Ī																													
İ	A1.6.6.6	RECEIVE CANCELLATION OF SUBSTITUTE ROUTING	٧			M					C	s									1	X	X	х	X		R	5/18/87	
	A1.6.6.7	FORWARD NAVAID STATUS TO ANOTHER CONTROLLER/ SUPERVISOR/ PILOT	٧			М					c	S				PT						×	X	x	x  		E	05/18/87	
	A1.6.6.8	FORWARD SUBSTITUTE ROUTING	٧			M					С					Р						<b>&gt;</b>	x	х	x		١	Ø6/Ø2/88	
	A1.6.6.9	DELETE PREVIOUS SUBSTITUTE ROUTING	٧			M					С					Р						)	( x	x	x		ŀ	Ø6/ <b>8</b> 2/88	
	A1.6.6.1Ø	DISCUSS APPROPRIATENESS WITH SUPERVISOR OF RELEASING EQUIPMENT TO MAINTENANCE	٧									S										>	( x	x	X			Ø5/18/87	
	A1.6.6.11	REVIEW NEED/ CANCELLATION OF SUBSTITUTE ROUTING WITH SUPERVISOR	V									s										;	K X	X	x			<b>05/20/</b> 8/	
	A1.6.6.12	RECEIVE SUPERVISOR NOTICE OF EQUIPMENT RELEASED TO MAINTENANCE	V			М						S											x x	×	x			Ø5/18/87	
	A1.G.7	EXECUTING DACKUP PROCEDURES FOR COMMUNICATION FAILURES	1																				x¦x	(x	x			Ø5/18/87	
	A1.6.7.1	DETECT COMMUNICATION FAILURE																					X	(x	x			Ø5/18/87	
	A1.6.7.2	FORWARD ALTERNATE COMMUNICATION PATH	١			М					0	s			1		-						x x	( x	x			Ø5/18/87	'
	A1.6.7.3	RECEIVE NEW FREQUENCY ASSIGNMENT	\			M		Ì				S											x)	( x	×			Ø5/18/82	1
	A1.6.7.4	FORWARD MOTICE OF COMMUNICATION STATUS	\	$ \cdot $		м						s											x :	dx	x			Ø5/18/87	, <b> </b>
	A1.6.7.5	CORMARD NEW FREQUENCY ASSIGNMENT TO ANOTHER CONTROLLER/SUPERVISOR	\	;    		M						s				Р	r						x :	x x	x			Ø5/18/87	,
	A1.6.7.6	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH		/ 		М						s					7						X	x >	( x			Ø5/18/8	7
	A1.6.8	MANAGING PERSONAL WORKLOAD																					x	x)	×			95/18/8	7
	A1.6.8.1	DETERMINE IMPENDING CONTROLLER OVERLOAD																					X	x :	×Χ			Ø5/18/8	7
	A1.6.8.3	REQUEST ASSISTANCE OR RELIEF		v		М						5											x	x.	×			Ø5/18/8	7
	A1.6.8.4	REQUEST FLOW CONTROL BE IMPOSED		v		M						s		т									x	x	××			04/22/8	7
	A1.6.9	PERFORMING PROCEDURES FOR NON-RADAR ENVIRONMENT																					χ	х	хх			Ø5/18/8	17
	A1.6.9.1	INFORM PILOT OF RADAR CONTACT LOST		v												Р							x	x	×			Ø5/18/8	17
_	A1.6.9.2	REASSOCIATE DATA BLOCK																					×	x	×			Ø5/18/6	17
	<u></u>		_L		4	11	لمال	_		Ш	11			<u></u>			۰	1_1	 4	4.	<u>ـــــــــــــــــــــــــــــــــــــ</u>	<u></u>	٢			<u></u>	<u></u>	(VOI #/	لے

		Coordination	Transition	Revision	
Task Number	Task Statement	Media	Coordinatees	State	Date
		Volce Function Mail Automated Coord.	ISSS\TAAS Controller   Area Supervisor   Area Manager   Flight Service   Fraffic Management of Air-ay Facility/DSC   Pliot   Pliot   Controller/Supervisor   Controller/Supe	155. 1745 7745 7600 7684 1 7684 2	
A1.6.9.3	CBSERVE DATA BLOCK NOT ASSOCIATED WITH TARGET			xxxx	<b>0</b> 5/18/87
A1.6.9.4	TERMINATE RADAR SERVICE TO AIRCRAFT	v		xxxx	<b>8</b> 5/18/87
A1.6.9.5	INITIATE USE OF NON-RADAR SEPARATION STANDARDS				Ø5/18/ <b>8</b> 7
A1.6.9.7	INITIATE USE OF RADAR SEPARATION STANDARDS			xxxx	Ø5/18/87
A1.6.9.8	REQUEST PILOT POSITION REPORTS	v	F P D	××××	Ø5/18/87
Λ1.6.9.9	OBSERVE RETURN OF NORMAL RADAR ENVIRONMENT				<b>#4/#8/88</b>
A1.6.9.1Ø	OBSERVE AIRCRAFT TRACK IN COAST MODE			xxxx	84/88/88
A1.6.9.75	REQUEST READOUT OF ASSIGNED/ REPORTED BEACON CODE				67/£1/88
A1.6.1Ø	EXECUTING BACKUP PROCEDURES FOR LOSS OF FLICHT PLAN (VATA BASE			x x x x	Ø5/18/87
A1.6.1Ø.1	OBSERVE MESSAGE ON LOSS OF FLIGHT PLAN DATA BASE			xxxx	Ø6/Ø2/88
A1.6.18.2	DETECT FAILURE TO UPDATE FLIGHT PLAN DATA BASE			xxxx	Ø5/18/87
A1.6.1Ø.3	ENTER DISPLAY AMENDMENT MESSAGE ON CONSOLE			xxxx	Ø5/18/87
A1.6.10.4	ENTER FLIGHT PLAN ON CONSOLE			xxxx	Ø5/18/87
A1.6.10,5	VERIFY FLIGHT PLAN DATA BASE TRANSITION ACTIVITIES	V		x x x x	Ø5/18/87
A1.6.11	RESPONDING TO TRANSIENT VSCS FAILURES			xxxx	Ø5/19/97
A1.6.11.1	DETECT UNRELIABLE VSCS CONTUNICATION			x x x x	85/18/87
A1.6.11.2	QUERY WHETHER OTHERS ARE RECEIVING AN AIRCRAFT'S TRANSMISSIONS	V	C F P T	xxxx	Ø5/18/97
A1.6.11.3	ISSUE ALTERNATE COMMUNICATION FOR AIR/GROUND TRANSMISSION	v,			Ø5/18/87
A1.6.11.4	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	V	S		Ø5/18/87
A1.6.12	RESPONDING TO AIRSPACE RECONFIGURATIONS/ RESECTORIZATIONS			x x x x	67/Ø1/88

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TASK STATEMENTS							
Task Number	Task Statement	Coordination Media	Coordinatees	Transition State	Revision Date		
		Voice Function Mail Automated Coord.	ISSS\TAAS Controller Area Supervisor Area Manager Flight Servico Friafic Management Mission Coordinator g Alrway Facility/GSC g Meteorologist Filower Controller/Supp Central Flow Centrol Aeromautical Radio Aeromautical Radio Aeromautical Radio Aeromautical Radio Aeromautical Radio Other Coordination	15SS 17AS ACC AERA 1 AERA 2 AERA 5			
A1.6.12.1	RECEIVE NOTICE TO TAKE OVER AIRSPACE	V	S	x x x x	Ø5/18/87		
A1.6.12.2	RECEIVE NOTICE TO PREPARE FOR SECTOR RECONFIGURATION	V	s	x x x	<b>Ø7/Ø1</b> /88		
A1.6.12.3	RECEIVE NOTICE TO RELEASE AIRSPACE	V M	S	x x x x	Ø5/18/87		
A1.6.12.4	RECEIVE NOTICE THAT ADJACENT FACILITY IS OPERATIVE	V M	СЅ		Ø5/18/87		
A1.6.12.5	RECEIVE NOTICE THAT ADJACENT FACILITY IS INOPERATIVE	V	С	xxxx	Ø5/18/87		
A1.6.12.6	ENTER RECONFIGURATION/ RESECTORIZATION ACCEPTANCE			xxx	£6/17/88		
A1.6.13	RESPONDING TO SENSOR OUTAGES			x x x x	Ø5/18/87		
A1.6.13.1	RECEIVE NOTICE OF RADAR SENSOR STATUS	V	C S A T	x x x	Ø5/19/87		
A1.6,13.2	RECEIVE PROCEDURES 10 BE USED TO ACCOMMODATE SENSOR OUTAGE	V	CS	x x x x	Ø5/18/87		
A1.6.13.3	PERCEIVE TRACKING OR TRANSPONDER FAILURE			x x x x	Ø5/2Ø/87		
A1.6.13.4	FORWARD NOTICE OF RADAR SENSOR STATUS TO ANOTHER CONTROLLER/ SUPERVISOR	V	CS	X X X X	<b>34/22/87</b>		

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# APPENDIX B (continued)

# EVENT TO SUB-ACTIVITY TRACE

TAAS CONT	ROLLER SUB-ACTIVITIES	(VOLUME I, APPENDIX A) RELATED TAAS CONTROLLER EVENT
A1.1.1	CHECKING AND EVALUATING SEPARATION	(MOST ALL EVENTS)
A1.1.2	RECEIVING SYSTEM STATUS INFORMATION	TAAS FAILURE, COMMUNICATION FAILURE, NAVAID FAILURE, RADAR SURVEILLANCE SENSOR FAILURE, TRANSIENT COMPUTER FAILURE
A1.1.3	ANALYZING INITIAL REQUESTS FOR CLEARANCES	CLEARANCE DELIVERY
A1.1.4	PROCESSING DEPARTURE/ EN ROUTE TIME INFORMATION	CLEARANCE DELIVERY, EN ROUTE TIME
A1.1.5	PROCESSING REQUESTS FOR FLIGHT FOLLOWING	FLIGHT FOLLOWING REQUEST
A1.1.6	HOUSEKEEPING	(N/A)
A1.2.1	PERFORMING AIRCRAFT CONFLICT RESOLUTION	AIRCRAFT-AIRCRAFT CONFLICT
A1.2.2	PERFORMING MINIMUM SAFE ALTITUDE PROCESSING	MINIMUM SAFE ALTITUDE CONFLICT
A1.2.3	PERFORMING AIRSPACE CONFLICT PROCESSING	IMPENDING AIRSPACE CONFLICT
A1.2.4	ISSUING UNSAFE CONDITION ADVISORIES	CAUTION ALERT
	SUPPRESSING ALERTS	MILITARY TRAINING ROUTE, REFUELING/ EXERCISE/ AIRSHOW
		ENTERING/ LEAVING AIRBORNE HOLD.
	MANAGEMENT CONSTRAINTS/ FLOW CONFLICTS	CHANGE FLOW PATTERN, FLOW MANAGEMENT, RUNWAY CONFIGURATION CHANGE, SEVERE WEATHER, VISIBILITY REPORT. WIND SHEAR REPORT
A1 3.2	PROCESSING DEVIATIONS	FLIGHT PLAN DEVIATION
A1.3.3	RESPONDING TO SPECIAL USE AIRSPACE EVENTS	ALTRY/ AIRSPACE RESERVATION, SPECIAL USE AIRSPACE

A1.3.4	ESTABLISHING ARRIVAL SEQUENCES	CLEARANCE REQUEST, ENTERING/ LEAVING AIRBORNE HOLD, CHANGE FLOW PATTERN, RUNWAY CONFIGURATION CHANGE, SEQUENCING REQUIRED
A1.3.5	MANAGING DEPARTURE FLOWS	CLEARANCE REQUEST, ENTERING/ LEAVING AIRBORNE HOLD, CHANGE FLOW PATTERN, RUNWAY CONFIGURATION CHANGE
A1.3.6	MONITORING NON-CONTROLLED OBJECTS	AIRSPACE INTRUSION BY NON- CONTROLLED OBJECT, BALLOON/GLIDER
A1.3.7	RESPONDING TO TEMPORARY RELEASE OF AIRSPACE REQUESTS	
	REQUESTING TEMPORARY RELEASE OF AIRSPACE	AIRCRAFT TO EDGE OF SECTOR, AIRSPACE RELEASE
	PLANNING CLEARANCES	CLEARANCE DELIVERY, CLEARANCE REQUEST, VFR TCA
A1.4.2	RESPONDING TO CONTINGENCIES	OVERDUE AIRCRAFT, AIRCRAFT EMERGENCY - AIRBORNE, NO RADIO, BOMB THREAT, FUEL DUMPING/ JETTISON, HIJACK, MEDICAL EMERGENCY
A1.4 3	RECOGNIZING SPECIAL OPERATIONS	EXPERIMENTAL FLIGHT, HAZARDOUS CARGO, INTERCEPTOR FLIGHT, LAW ENFORCEMENT, LIFEGUARD MISSION, MILITARY TRAINING ROUTE, SPECIAL INTEREST FLIGHT
A1.4 4	REVIEWING FLIGHT PLANS	FILED FLIGHT PLAN
A1.4.5	PROCESSING FLIGHT PLAN AMENDMENTS	AMENDED ALTITUDE/ ROUTE/ DESTINATION
A1.4.6	RECEIVING TRANSFER OF CONTROL/ RADAR IDENTIFICATION	INITIAL CONTACT, AIRCRAFT TO EDGE OF SECTOR, HANDOFF RECEIPT
A1 4.7	INITIATING TRANSFER OF CONTROL/ RADAR IDENTIFICATION	
A1.4.8	ISSUING POINTOUTS	AIRCRAFT TO EDGE OF SECTOR
A1.4.9	RESPONDING TO POINTOUTS	AIRCRAFT TO EDGE OF SECTOR. AIRSPACE RELEASE, POINTOUT RECEIPT
A1 4.1Ø	ISSUING CLEARANCES	CLEARANCE DELIVERY, CLEARANCE REQUEST, VFR TCA

A1.4.12	MANAGING AUTOMATED HANDOFF FEATURES	(N/A)
A1.4.13		INITIAL CONTACT, ARRIVAL MESSAGE RECEIPT, AIRCRAFT TO EDGE OF SECTOR
	ESTABLISHING/ REESTABLISHING RADAR IDENTIFICATION	
A1.5.1		PIREP, SEVERE WEATHER, SIGMET/ AIRMET
A1.5.2	PROCESSING WEATHER REPORTS	CEILING HEIGHT REPORT, PRESSURE DISPLAY/ REPORT, VISIBILITY REPORT, WIND SHEAR REPORT
A1.6.1	BRIEFING RELIEVING CONTROLLERS	FACILITY CLOSURE, POSITION RELIEF
A1.6.2	ASSUMING POSITION RESPONSIBILITY	FACILITY REOPENING, POSITION RELIEF
A1.6.3	RESPONDING TO TRANSIENT COMPUTER FAILURES	TRANSIENT COMPUTER FAILURE
A1.6 4	EXECUTING BACKUP PROCEDURES FOR SECTOR SUITE FAILURES	SECTOR SUITE FAILURE
A1.6 5	EXECUTING BACKUP PROCEDURES FOR TAAS FAILURES	TAAS FAILURE
A1.6 6	EXECUTING BACKUP NAVAID PROCEDURES	NAVAID FAILURE
A1.6.7	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES	COMMUNICATION FAILURE
à1.6.8	MANAGING PERSONAL WORKLOAD	SECTOR SUITE FAILURE. CONTROLLER OVERLOAD
A1 6.9	PERFORMING PROCEDURES FOR NON-RADAR ENVIRONMENT	RADAR SURVEILLANCE SENSOR FAILURE
A1 6.10	EXECUTING BACKUP PROCEDURES FOR LOSS OF FLIGHT PLAN DATA BASE	FLIGHT PLAN DATA BASE FAILURE
A1.6.11	RESPONDING TO TRANSIENT VSCS FAILURES	TRANSIENT COMMUNICATION FAILURE
41.6.12	RESPONDING TO AIRSPACE	AIRSPACE RELEASE, FACILITY CLOSURE,

RESECTORIZATIONS

RECONFIGURATIONS/ FACILITY REOPENING, CONTROLLER OVERLOAD

A1.6.13 RESPONDING TO SENSOR RADAR SURVEILLANCE SENSOR FAILURE OUTAGES



#### APPENDIX C

#### USER INTERFACE LANGUAGE

The User Interface Language (UIL) includes a data coject hierarchy comprised of Logical Display Contents (i.e., User Display Language) and Input Messages (i.e., User Input Language). The Logical Display Contents refer to messages output to the terminal controller at the Sector Suite workstation in the Terminal Advanced Automation System of the Advanced Automation System. These messages are output to the controller in the form of graphical displays, alphanumeric displays, and alerts/alarms or other signals for controller attention. The Input Messages refer to data and control messages entered by the controller to the system. This listing excludes messages not used by the terminal controller, and non-operational messages such as those related to training. Reference Volume I, Section 3.3.

#### SECTOR SUITE LOGICAL DISPLAY CONTENTS

Table C-1 presents the Sector Suite Logical Display contents. Following are the notations employed in Table C-1:

2.7		Is defined as		
or	=	Exclusive "or"		
and	T:	And		
( )	=	Message items form a group		
{ }	==	Multiple iterations of a message item. Numbers added in the form $X\{ \} Y$ indicate at least X but not more than Y iterations of the message. By default, $X = 0$ and $Y = no$ upper limit defined.		
í ì	=	Optional item (displayed or not displayed at controller's choice)		
ΛΛ	=	Mandatory message item if applicable		
* *	=	Comment		
@	=	Reference:		
		SLS	=	Advanced Automation System, System Level Specification, 28 August 1987 [21] (Citations are by AP paragraph)
		Task Analysis	=	Derived by task analysis
		ARTS Functionality	=.	Inclusion of present ARTS functionality

#### Table C-1. Logical Display Contents

NOTE: The symbols : and \* are used to reflect substantive and nonsubstantive changes respectively.

```
Data_Display =
          Situation_Display
          Flight_Data_Display
     or
          Alert And Resolution Display
     or
          Special Lists
     OT:
          Messago_Composition_And Response Display
     or
          Airport Environmental Datu Display *radar approach control*
     or
     0.0
          System_Status_Data_Display
          Static Information Display
     Ot.
          Controller_Notepad_Display
     or
          Suppressed_Display_List_Display
     or
          SLS Table 40.3-14
     Ø
          VSCS Display
     0:0
          SLS 3 2.2.1.9.2 1.2, 40.3.1 2
Situation Display =
         (Target/Track Descriptor)
     and (Weather_Descriptor)
     and (Background Descriptor)
     and (Slant_Range_Indicator | *to support approach control Situation
               Display requirements*
          Ground_Range_Indicator)
     or
          SLS 3.7.1.1.3.2.6, 3.7.1.2.1.1.1.3, 40.3.7.1 2.1.1.1
     and Time *on main display for radar controller*
          Operational Position Designator *radar controller*
     0
           SLS 3 7.1 2 1 1.a, Table 40 3-10
     and Geographic Tagging *results of controller entered graphics and
                alphanumeric strings*
          SLS 3.7.1 2.1.1.1 14, 40 3.7.1.2.1 1 1
     Target/Track_Descriptor =
               Position_Symbol
           and [Data Block]
           and [Fosition History]
               SLS 3.7.1 2.1.1.1.3, 3.7.1.2.1.1 11, 40 3.7 1 2 1.1.1
          Position_Symbol =
                     Target_Position_Symbol
                or (Track Position Symbol *track status*
                and Track_Vector) *velocity/ distance*
                and [Hola Character] *hold list association*
                     SLS 3.7.1.2.1.1 1.3, 3.7 1.2.1.1.1.3.e, Table 4\emptyset.3-
                         9/10/11, 40.5.7 1.2 1.1 1
```

```
Table C-1. Logical Display Contents (Continued)
       Target Position Symbol =
           (Primary_Target_Class
            Beacon_Target_Category)
       or
       and Ident Indicator
       and ^Aircraft_Halo^
            SLS 3.7.1.2.1.1.1.3.a/b, 3.7.1.2.1.1.15, Table
                40.3-9/10, 40.3.7.1.2.1.1.1
       Ident Indicator =
                 Latitude/Longitude Position Indicator
                 Callsign
            or
                 Tabular_Line_Identifier
            or
            or
                 Computer_Identification
            or^
                 Beacon Code
                 Mode S Indicator/Mode S Data Link Indicator
            or
                 SLS 3.7.1.2.1.1.1.3.au, 6.2, Task Analysis
  Track_Position_Symbol =
           [Controlling Sector/Facility]
       and [Track_Status]
       and [Handoff Indicator]
       and FDB/PDB Data
            SLS 3.7.1.2.1.1.1.3, 3.7.1.2.1.1.1.3.c/d/f,
                40.5.7.1.2.1.1.1
       Track_Status *
                 Hold Character *hold list association*
            or
                 Const_Indicator
            or
                 Suspend_Status
                 SLS 3.7.1.1.3.2.4, 3.7.1.1.3.2.6,
                     3.7.1.2.1.1.1.3.d, 40.3.7.1.1.3.2,
                     4Ø.3.7.1.2.1.1.1, 4Ø.3.7.1.4.3.2.b
       Handoff_Indicator =
                 Receiving_Sector_ID
                 SLS 3.7.1.2.1.1.1.3.f, 40.3.7.1.2.1.1.1
  Track_Vector =
           (Track_Velocity_Vector
       or
            Track_Distance_Vector)
       and Vector Type Indicator
            SLS 3.7.1.2.1.1.1.4, 40.3 7 1.2.1.1.1
```

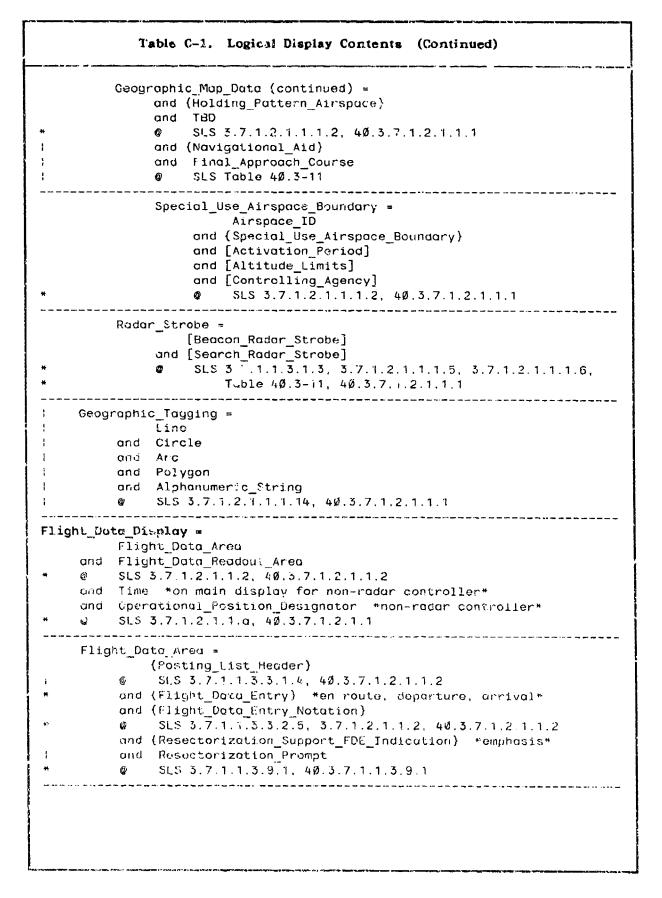
#### Table C-1. Logical Display Contents (Continued)

```
Data Block =
        [Leader Line]
    and (Full_Data_Block
    or
         Limited Data Block
     or
         Partial_Data_Block)
         SLS 3.7.1.2.1.1.1.3, Table 40.3-11, 40.3.7.1.2.1.1.1
     and [Controlling Sector/Facility]
     and [Track Status]
     and [Handoff Indicator]
         SL3 3.7.1.2.1.1.1.3.c/d/f, 40.3.7.1.2.1.1.1
     Leader_Line =
              [Controlling Sector/Facility]
         and [Track_Status]
              SLS 3.7.1.2.1.1.1.3.c/d/f, 40.3.7.1.2.1.1.1
     Full_Data_Block =
              Callsign
          and (Mode_C_Altitude
          or (Pilot-Reported Altitude
          and Indication Of Pilot-Reported Altitude)}
          and ^Handoff Status/Indicator^
          and [Aircraft Type]
          and (Assigned Altitude
               Interim Altitude)
          and ^Altitude_Nonconformance_Indicator^
          and [Computer_Identification]
          and{[Scratch_Pad_Data]}3
          and 'Heavy Jet Indicator'
          and "Exception Beacon Code"
          and ^Conflict Alert Indicator^
          and ^Minimum_Safe_Altitude_Warning^ +MSAW+
          radio failure, suspect aircraft, etc.)
          and ^Transponder_Failure_Notice^
          and VFR Indicator
          and([Entry/Exit Fix]
              [Overflight Indicator])
          and Destination Airport
              Ground Speed
          and "Pointout_Indicator"
          and ^MSAW/CA_Suppression_Indication^
          and ^Mode_S_Indicator_And/Or_Mode_S_Data_Link Indicator^
          and "Handoff_Alert_Indication"
          and Track_Status
          and Controlling_Sector/Facility_Identification
               SLS 3.7.1.1.3.2.7, 3.7.1.2 1.1.1.3.00-cob,
                   40.3.7.1.2.1.1.1
```

```
Table C-1. Logical Display Contents (Continued)
 Full_Data_Block (continued) =
       and ^Unsuccessful_Departure_Message_Indicator^
            SL$ 40,3.7.1.2.1.1.1.b
       and `Failure_To_Transmit_Track_Data`
            SLS 3.7.1.2.1.1.1.3.cf, 40.3.7.1.2.1.1.1
       Handoff Status/Indicator =
                 Receiving Sector/Position ID
            and (Initiated
            or
                 Accepted
            or
                 Retracted
                 Rejected)
            or
                 SLS 3.7.1.2.1.1.1.3.ba/f, 3.7.1.2.1.2.1.a/t,
                     4Ø.3.7.1.2.1.1,1
       Altitude_Nonconformance_Indicator =
                 Reported_Versus_Assigned_Altitude_
                      Indication
            and ^Mode C Reasonableness Check Failure
                      Indication?
                 SLS 3.7.1.2.7.1.1.3.bb, 40.3.7.1.2.1.1.1
       Exception_Beccon_Code =
                 Reported_Versus_Assigned_Beacon_Code/
                      Mode $ Address Difference
                 SLS 3.7.1.2.1.1.1.3.bc, 40.3.7.1.2.1.1.1
       Point ut_Indicator =
                 Receiving_Sector/Position_ID
            and (Accept
                 Reject.
            or
                 No Acceptance Action)
            or
                 SLS 3.7.1.1.3.8, 3.7.1.2.1.1.1.5.bf/bg.
                     40.3.7.1.2.1.1
       Handoff_Alert_Indication =
                 Hundoff_Not_Accepted
                 Auto Handoff Inhibited
            Ø
                 SLS 3.7.1.2.1.1.1.3.bi, 40.3.7.1.1.3.2.e,
                     40.3.7.1.2.1.1.1
  Limited_Data_Block =
           [Mode 3/A Beacon Code]
       and ^Mode_S_Indicator_And/Or_Mode_S_Data_Link_Indicator^
       and ^Mode C Altitude^
       and [Ground_Speed]
       and "Aircraft_Special_Condition" *emergency, hijack,
                 radio failure, suspect aircraft, etc.)
            SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
```

#### Table C-1. Logical Display Contents (Continued)

```
Partial_Data_Block =
                   (Mode_C_Altitude
                  (Pilot-Reported Altitude
              and Indication Of Pilot-Reported Altitude))
              and ^Handoff_Status/Indicator^
              and (Assigned Altitude
                    Interim Altitude)
              and Ground Speed
              and([Scratch Pad Data])
              and 'Heavy_Jet_Indicator'
              and Aircraft_Type
               and [Overflight Indicator]
               and Destination Airport
               and "Aircraft Special Condition" *emergency, hijack,
                         radio failure, suspect aircraft, etc.)
               and Track_Status
               and Controlling_Sector/Facility
                    SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
Weather_Descriptor =
        {[Graphic ATC_Radar_Weather]}
          SLS 3.7.1.2.1.1.1.7, 40.3.7.1.1.3.5, 40.3.7.1.2.1.1.1
     Graphic_ATC_Radar_Weather =
             ([Precipitation_Intensity])3/6 *geographic weather
                    areas*
               SLS 3.7.1.2.1.1.1.7, Table 40.3-6/10/11,
                   40.3.7.1.1.3.5, 40.3.7.1.2.1.1.1
Background Descriptor =
         (Geographic_Map_Data)
     and [Range_Rings]
     and (Radar_Strobe)
     and [Longitudinal Scale]
          SLS 3.7.1.2.1.1.1.2, 3.7.1.2.1.1.1.5, 3.7.1.2.1.1.1.6,
              3.7.1.2.1.1.1.12, 3.7.1.2.1.1.1.13, Table 40.3=9/10/11,
              40.3.7.1.2.1.1.1
     Geographic_Map_Data =
              (Group Of Fixes)
          and (Group_Of_Airways)
          and (Sector Boundary) *grouped by altitude*
          and (Special Use_Airspace Boundary)
          and (Airport)
          and (Obstruction)
          and {Fix}
          and {Minimum_Vector_Altitude} *MVA*
          and {Military_Route}
```



#### Table J-1. Logical Display Contents (Continued)

```
Flight_Data_Entry =
         [Computer Identification]
         IFR/VFR_Indicator
     and
     and
         Callsign
     and ^Heavy_Jet_Indicator^
     and ^Number_Of_Aircraft^
     and Aircraft Type
     and "Equipment Qualifier"
     and Beacon Code
     and [True_Airspeed]
     and Assigned Altituae
     and
         Interim_Altitude
     and "Reported_Altitude"
     and ^Mode-C_Altitude^
          Requested Altitude
     ond
     and
          Route Information *preferential route, route of
               flight, SWAP reroute, sector rerouting, remarks,
               insufficient display area indicator*
     and (Controlling Sector
          Controlling_Facility)
     O۳
     ond ^Altitude_Monconformance_Indicator^
          Estimated Ground Speed
          Previous Posted Fix
     and
          Time_At_Previous_Posted_Fix
     and
          Posted Fix
     and
     and
          CTA_At_Posted_Fix
     and
          Coordination Indicator
     and (Arrival_Arrow
     or
          Departure Arrow)
     and
          Proposed_Departure_Time
          Actual_Departure_Time
     and
          CTA_At_Previous_Fix
     and
          Estimated_Time_Of_Arrival
          Indicated_Airspeed
     and
     and [Aircraft Model Number]
          Estimated Elapsed Time To Destination
     and
          Alternative_Destination
          Runway
     and
     and
          Mach Speed
          NCPAR_Indicator
     and
     and Remarks Indicator
     and "Expect_Departure_Clearance_Time"
     and Destination
          Deporture Point
     and
     and Control_Information
           SLS Table 3.7-1, 3.7 1.1.3.2.7, 3.7.7.1.3.3.1.2,
               3.7.1.1.3.3.3, 3.7.1.1.3.4.2.3, 5.7.1.2.1.1.2.1,
               40.3.7.1.2.1.1.2.1
```

#### Table C-1. Logical Display Contents (Continued)

```
Flight Data Entry (continued) =
    and (Flight_Identification
    and Field Identifier
    and New_Flight Data)
         SLS 3.7.1 2.1.1.2.c, 40.3.7.1.2.1.1.2.c
Flight Data Entry Notation = *FDEN*
         failure, suspect aircraft*
    and
         Conflict Alert
    and
         Minimum_Safe_Altitude_Warning *MSAW*
         Transfer_Of_Track_Control_Duta And/Or Radar Service
              Provided/Terminated/Lost *FDEN absence denotes
              radar service not yet provided*
     and
         Data_Block_Pointout_Initiated/Accepted/Rejected
              *includes receiving sector/ facility ID*
     and
         Route_Data_Field_FDEN *radar vector heading, direct
              route clearance, DME arc, radius clearance*
         Data Field Not Forwarded To Required Sector/Facility
               *includes intended receiving sector/facility
               identification*
         Assigned_Altitude_FDEN *verified assigned altitude,
     and
              altitude restriction, assigned alcitude
               inappropriate for direction of flight, fix
               crossing time*
         Reported_Altitude_FDEN *controller request for a
               pilot to report reaching/leaving an altitude,
               altitude has been reached/vacated, pilot-reported
               altitude different from assigned altitude/
               coordinated with next sector*
          Record_Of_Clearances/Instructions_Delivered
     and
          Speed_Restriction_Assigned
     and
          Holding_Clearance/Instructions_Issued
          Future_Action_Required *regarding FDE field tagged*
     and
     and (Flight_Changed_To_Next_Frequency
     and [New Frequency]
     and [Frequency Time Change])
     and (VFR_Flight_Following Provided
     or
          Stage_I.I_Service Provided
          TCA_Service_Provided
     or
     or.
          TRSA Service Provided
          ARSA Service Provided)
     or
          IFR Flight Plan Cancelled
     and
     and (Arrival_Time
     and
          Clearance_Void_Time)
          Posted_Fix_FDEN *pilot estimate at fix, actual time at
```

```
Table C-1. Logical Display Contents (Continued)

Flight_Data_Entry_Notation (continued) = *FDEN*

and((SWAP)
```

and Associated\_Segment\_Of\_Filed Route)

SLS 3.7.1.2.1.1.2.1.a-u, 40.3.7.1.2.1.1.2.1

Flight\_Data\_Readout\_Area =
Flight\_Data \*one flight\*

Preferential\_Route)

• SLS 3.7.1.2.1.1.2, 40.3.7.1.2.1.1.2

```
Alert_And_Rasolution_Display =
```

o:

(^Callsign^)

- # and (Alert\_Type
- # and Alert\_Condition)
- SLS 3.7.1.2.1.1.4, 40.3.7.1.2.1.1.3

and ^Aural\_Alarm^ \*MSAW\*

@ SLS 3.7.1.1.3.5.2

#### Alert\_Type =

Conflict\_Alert

- or Minimum\_Safe\_Altitude\_Warning \*MSAW airspace\*
  - or Aircraft Emergency
- \* @ SLS 3.7.1.2.1.1.4, 40.3.7.1.1.3.4.2

Aircraft\_Emergency = Callsign

and Condition and Beacon Code

@ SLS 3.7.1.2.1.1.4, 40.3.7.1.2.1.1.3

#### Special\_Lists =

[Departure\_List]

and [Inbound\_List]

and [Coast/Hold/Suspend\_List]

and [Auto\_Handoff\_Inh1bit\_List]

and Automatic Data Undate Indication \*emphasis\*

@ SLS 40.3.7.1.2.1.1.4, Table 40.3-9, 40.3.7.1.2.1.1.4

## Departure List =

{Airport\_Sublist\_Header}

and (Callsign)

and (Field Of Flight Data)

\* SLS 3.7.1.2.1.1.5.1, 4Ø.3.7.1.2.1.1.4.1

#### Inbound List =

(Callsign

- a (Field Of Flight Data)
- © SLS 3.7.1.2.1.1.5,2, 40.3,7.1.2.1.1,4.2

# Table C-1. Logical Display Contents (Continued) Coast/Hold/Suspend\_List = (Callsign) and (Coast or (Hold\_Character) Suspend) and (Field\_Of\_Flight\_Data) \*assigned altitude, time, etc.\* SLS 3.7.1.2.1.1.5.3, 40.3.7.1.2.1.1.4.3 Auto\_Handoff\_Inhibit\_List = (Sector\_ID) \*auto handoff inhibited\* and {Facility\_ID} \*auto handoff inhibited\* and (Aircraft Identification) \*auto handoff inhibited\* ٤ SLS 3.7.1 2.1.1.5.7, 40.3.7.1.2.1.1.4.4 Message\_Composition\_And\_Response\_Display = Message\_Composition\_Display and Response\_Display SLS 3.7.1.2.1.1.6, 40.3.7.1.2.1.1.5 Message\_Composition\_Display = [Message Composition Menu] \*message composition choices\* and [Message\_Composition\_Template] \*form-filling dialog, Quick Reference message entry format\* and Message\_Preview Area SLS 3.7.1.2.1.1.6, 3.7.1.2.1.2.aa, 40.3.7.1.2.1.1.5 Response Display = ${\tt System\_Message\_Readout}$ Task Analysis/ ARTS Functionality and System Query Response and System\_Processing\_Response and [Message\_Waiting\_Indicator] and [Priority\_Receipt\_Acknowledgement] SLS 3.7.1.1.3.7.1, 3.7.1.2.1.1.6, 3.7.1.2.1.2.ae, 4Ø.3.7.1.1.3.7.2, 4Ø.3.7.1.2.1.1.5 System Message Readout = Departure\_Message \*emphasized FDB\* and Assigned/Reported Beacon Code and TBD Task Analysis/ ARTS Functionality Message\_Waiting\_Indicator ≈ Incoming Message Receipt Incoming\_Message Classification \*priority, standard\* and Total\_Number\_Of\_Messages\_In\_Queue \*by classification\* SLS 3.7.1.1.3.7.1, 40.3.7.1.1.3.7.2, 40.3.7.1.2.1.1.5

```
Table C-1. Logical Display Contents (Continued)
         System Query Response =
                   ATC_Mail_Message_Readout
                   Flight Plan Readout
              or
              or
                   Weather_Data_Readout
                   Route Readout
              or
              or`
                   TBD *other data base information provided in
                          response to controller request*
                   SLS 3.7.1.1.4.2.3, 3.7.1.2.1.1.6, 40.3.7.1.2.1.1.5
              ATC Mail Message Readout =
                         Date
                   and
                        Time
                   and Sender Identification
                   and Text Message
                         SLS 3.7.1.1.3.7.1, 40.3.7.1.1.3.7.1
         System_Processing_Response =
                   (Message Accept Indicator
                   Message Reject_Indicator
                   Message Error Indicator)
               or
                    SLS 3.7.1.2.1.1.6, 40.3.7.1.2.1.1.5
Airport_Environmental_Data_Display =
         [Barometric Pressure] *DASI, altimeter setting*
     and([Center Field Wind Direction]
     and [Center Field Wind Speed]
     and [Center Field Wind Gust Speed])
     and [Runway_Visual_Range_Data]
     and [Low_Level_Wind_Shear_Alert_System_Data]
     and [Airport Information]
          SLS 3.7.1.1.3.7.2, 3.7.1.2.1.1.7, 40.3.7.1.2.1.1.6
     and [Temperature]
     and [Ceiling Height]
     and [Vortex_Advisory_Data]
     and [Visibility]
     and ^Airport_Environmental_Alert^
     and ^ATC Airport Equipment Alert^
          SLS 3.7.1.1.3.7.2, 40.3.7.1.1.3.7.2
     Low_Level_Wind_Shear_Alert_System_Data =
               Reporting Location
          and Boundary_Surface_Wind_Direction
          and Boundary_Direction_Wind_Speed
          and Effect_On_Aircraft_Performance
          and Update_Time
               SLS 3.7.1.2.1.1.7, 40.3.7.1.2.1.1.6
```

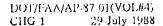
#### Table C-1. Logical Display Contents (Continued)

```
Runway_Visual_Range_Data =
             (Runway_Visual_Range)3
         and Supplementary_Character
         and Update_Time
              SLS 3.7.1.2.1,1.7, 40.3.7,1.2.1.1.6
    Airport_Information =
             (Departure Route)
         and (Arrival Route)
         and {Runway_Configuration} *active arrivals/departures*
         and (Closed Runway)
         and([Acceptance_Rate])
         and([Outage And Repair Schedule])
         and [Runway_Alert_Data]
         and [Airport Lighting Systems Data] *runway lighting intensity
                   update time* *airport, runway*
         and [Instrument Landing Aids] *ILS, MLS* *airport, runway*
         and [Visual_Approach_Slope_Indicator] *VASI*
         and [ATIS_Character]
         and [ATIS Message]
         and (Current_NOTAM) *airport specific*
              SLS 3.7.1,1,3,7.2, 3.7,1.1,10, 3.7,1.2.1,1,7,
                   40.3.7.1.2.1.1.6
          Airport_Lighting_System_Data =
                   Airport_Lighting_System_Status
               and Update Time
                   SLS 3.7.1.2.1.1.7, 40.3.7.1.2.1.1.6
System_Status_Data_Display =
         [Communication Status]
     and [Equipment Status]
     and [Sectorization_Data]
     and [Special Use Airspace Status]
     and [Training_In_Progress]
     and{[Special_Activity]}
     and([Computer_Outage])
     and([Data_Communication_Line Outage])
     and{[Voice_Communication_Line_Outage]}
     and [Usage_Of_Adapted Routes]
     and [Usage_Of_Operational_Functions]
     and Update Indication *data emphasis*
     and TBI)
          SLS 3.7.1.2.1.1.8, 40.3.7.1.2.1.1.7
```

#### Table C-1. Logical Display Contents (Continued)

```
Communication Status =
              (Communication Channel Assignment)
         and (Radio Frequency)
         and((Radio Equipment Outage)
         and (Radio_Equipment_Repair_Schedule))
              SLS 3.7.1.2.1.1.8, 40.3.7.1.2 1.1 7
    Equipment Status =
            ((Radar_Equipment_Outage
         and Radar Repair Schedule)}
         and((NAVAID Outage
         and NAVAID Repair Schedule)}
         and [NAVAID Maintenance Schedule]
               SLS 3.7.1.2.1.1.8, 49.3.7.1.2.1.1.7
    Sectorization Data =
               Sectorization Plan In Effect *Terminal Configuration Plan*
         and 'Request For Resectorization'
               SLS 3.7.1.2.1.1.8, 40.3.7.1.1.3.9, 40.3.7.1.2.1.1.7
    Computer Outage =
              {Operational_Function_Degradation/Failure}
          and "Reduced Capability Mode_Indicator"
          and ^Emergency_Mode_Indicator^
          and (TCCC_Interface_Status)
          and {TAAS_Interface_Status} *adjacent, backup*
          and({TCCC Stand-Alone Mode
               TCCC Normal Mode))
          and {D-BRITE Interface Status}
               SLS 3.7.1.1.1.3.3, 3.7.1.1.7, 3.7.1.1.7.1, 40.3.7.1.1.1.3.3
Static_Information_Display =
        [(Controller Chart)]
     and[{Sectional Aeronautical Chart}]
     and[{Instrument_Approach_Procedure}] *IAP*
     and[(STAR/Profile_Descent)] *standard terminal arrival*
     and[{SID/Departure Procedure}] *standard instrument departure*
     and [North Atlantic Route Chart]
     and [Pacific Route Chart Composite]
     and[{Substitute_Routing}]
     and [Airman's Information Manual]
     and [Air_Traffic_Control, FAA_Order_7110.65]
     and [Standard_Operating_Procedures] #SOF®
     and[(Letter_Of_Agreement)]
     and[(Position_Checklist)]
     and[(NAVAID/Sector_Frequency)]
     and [Oceanic_Air_Traffic_Control__FAA_Order_7110.83]

SLS 3.7.1.2.1.1.9, 40.3.7.1.2.1.1.8
```







## Table C-1. Logical Display Contents (Concluded)

```
*Controller_Notepad_Display = *personal electronic scratchpad*
        {Free-Form_Text_Note}
        SLS 3.7,1.2.1.1.18, 40.3.7.1.2.1.1.11
Suppressed_Display_List_Display =
        (Suppressed Logical Display)
    and (Suppressed_Special_List)
    @ SLS 3.7.1.2.1.1.21, 4Ø.3.7.1.2.1.1.12
VSCS_Display =
         VSCS_A/G_Display
    and VSCS_G/G_Display
   @ SLS 3.2.2 1.9.2.1.2, 40.3.1.2
```

### CONTROLLER INPUT MESSAGES

Table C-2 presents the messages input by the terminal controller to the TAAS including operational messages (e.g., handoff, track, or status change) and system control messages (e.g., display adjustment). The following notations are used in this table:

=		Is defined as		
or	=	Exclusive "or"		
and	æ	And		
( )	=	Message items form a group		
{ }	=	Multiple iterations of a message item. Numbers added in the form $X\{ \} Y$ indicate at least X but not more than Y iterations of the message. By default, $X = 0$ and $Y = no$ upper limit defined.		
[ ]	=	Optional item		
* *	=	Comment		
@	=	Reference:		
		SLS	=	Advanced Automation System, System Level Specification, 28 August 1987 [21] (Citations are by AP paragraph)
		Task Analysis	=	Derived by task analysis
		ARTS Functionality	=	Inclusion of present ARTS functionality

## Categories of message entry functions:

#### TRACK CONTROL

Transfer of Control
Data Block Manipulations
Separation Assurance Control
Pointout Action
Interim Altitude

#### FLIGHT DATA MANIPULATIONS

#### AERONAUTICAL AND METECROLOGICAL DATA CHANGES

#### SYSTEM STATUS CHANGES

#### DISPLAY CONTROL

Situation Display Adjustments
Flight Data Display Manipulations
Alert and Resolution Display Manipulations
Special Lists Manipulations
Message Manipulations
Airport Environment Data Display Manipulations
System Status Data Display Manipulations
Static Information Display Manipulations
Controller Notepad Display Manipulations
Sign On/Sign Off
Parameter Adjustments
General Display Functions

The Display Control sections include ancillary actions of controllers which previously were reported separately in Appendix B.

# Table C-2. Input Messages TRACK CONTROL \_\_\_\_\_\_ TRANSFER OF CONTROL \_\_\_\_\_\_ Accept/Retract/Reject Handoff = \*assume, reject control\* (Flight Identification) and [Reject Indicator] @ SLS 3.7.1.1.3.2.4, 3.7.1.2.1.1.1.3, 3.7.1.2.1.2.1.a, 40.3.7 1.1.3.2.e, 40.3.7.1.2.1.2.b Initiate Handoff = \*manually initiate transfer of control\* Flight Identification and[(Sector or Facility)] SLS 3.7.1.1.3.2.8.3, 3.7.1.1.3.3.1.2, 3.7.1.2.1.2.1.c, 4Ø.3.7.1.1.3.2.e, 4Ø.3.7.1.2.1.2.b Enable/Inhibit\_Automatic\_Handoff = [Flight\_Identification] or [(Sector \*all flights to\* or Facility)] \*all flights to\* SLS 3.7.1.2.1.1.5.7, 3.7.1.2.1.2.1.d, 40.3.7.1.1.3.2.e, 4Ø.3.7.1.2.1.2.b Redirect\_Handoff = Flight Identification and (Sector or Facility) @ SLS 3.7.1.2.1.2.1.t, 40.3.7.1.2.1.2.b DATA BLOCK MANIPULATIONS Track = \*change tracking status of aircraft\* Flight Identification and Track\_Action \*Coast, Start, Drop, Hold, Suspend, TBD\* and [Track Start Position] and [Speed] and [Heading] and [Assigned Altitude]

```
Track (continued) =
              SLS 3.7.1.1.3.2.2, 3.7.1.1.3.2.3, 3.7.1.1.3.2.4,
                  3.7.1.1.3.2.6, 3.7.1.1.3.2.8.2, 3.7.1.1.3.2.11,
                  3.7.1.1.3.3.2.6, 3.7.1.2.1.2.1.b, 4Ø.3.7.1.1.3.2.d,
                  4Ø.3.7.1.1.3.3.2.1, 4Ø.3.7.1.1.3.3.2.6, 4Ø.3.7.1.2.1.2.b
    Force Data Block =
                         *force or remove display*
              Flight Identification
              SLS 3.7.1.2.1.1.1.3.dd, 3.7.1.2.1.2.1.e, Table 40.3-5,
                  4Ø.3.7.1.2.1.1.1, 4Ø.3.7.1.2.1.2.b
    Quick Look = *display, terminate* *TAAS/TCCC positions*
             (Sector Number)
              SLS 3.7.1.2.1.1.1.3.dc, 3.7.1.2.1.2.1.k, 40.3.7.1.1.3.9.1,
                  4Ø.3.7.1.2.1.2.b
    Track Reposition = *reassociate with target symbol*
              Flight_Identification
         and New Coordinate Position
               SLS 3.7.1.2.1.2.1.1, 40.3.7.1.2.1.2.b
SEPARATION ASSURANCE CONTROL
     Suppress/Restore_Conflict_Alert_Pair =
               Flight Identification *Aircraft 1*
          and Flight_Identification *Aircraft 2*
          and [Suppress/Restore_Alert_Indicator]
               SLS 3.7.1.1.3.5.1, 3.7.1.2.1.2.1.i, 40.3.7.1.1.3.4.1,
                   4Ø.3.7.1.2.1.2.b
     Suppress/Restore_MSAW_Alert =
               Flight Identification
          and [Suppress_Alert_Indicator]
          and [Facility]
               SLS 3.7.1.1.3.5.2, 3.7.1.2.1.2.1.ja, 40.3.7.1.1.3.4.2,
                   4¢.3.7.1.2.1.2.b
     Request/Suppress_Track_Velocity_Vector =
               Flight_Identification
          and Minutes
               SLS 3.7.1.2.1.1.1.4, 40.3.7.1.2.1.1.1
     Request/Suppress Track Distance Vector =
               Flight Identification
          and Miles
               SLS 3.7.1.2.1.1.1.4, 40.3.7.1.2.1.1.1
```

```
Accept Resectorization = "terminal airspace"
            [Ali Handoffs Indicator]
             SLS 3.7.1.1.3.9.1, 3.7.1.2.1.2.1.v, 40.3.7.1.1.3.9.1,
                 40.3.7.1.2.1.2.b
    Latitude/Longitude Readout = *display, delete*
            [Cursor_Position]
        or [Fix]
        or [Fix/Radial/Distance]
           SLS 3.7.1.2.1.2.1.w, 40.3.7.1.2.1.2.b
    Select_Longitudinal_Scale =
             Location
        and Miles *Ø - 20*
             SLS 3.7.1.2.1.1.1.13, 40.3.7.1.2.1.1.1
    Enter/Delete Scratch Pad Data *in Full Data Block*
        @ SLS 3.7.1.2.1.1.1 3.bk, 40.3.7.1.2.1.1 1
!POINTOUT ACTIONS
    Initiate_Pointout = *data block pointout*
             Flight Identification
         and (Sector
         or Facility)
             SLS 3.7.1.1.3.8, 3.7.1.2.1.2.1.f, 40.3.7.1.2.1.2.b
    Pointout Accept/Reject = *data block pointout*
             Flight_Identification
         and [Reject Indicator]
            SLS 3.7.1.1.3.8, 3.7.1.2.1.2.1.s, 40.3.7.1.2.1.2.b
INTERIM ALTITUDE
    Interim Altitude = *set, remove*
             Flight_Identification
         and Altitude
             SLS 3.7.1.1.3.10, 3.7.1.2.1.2.1.h, 40.3.7.1.2.1.2.b
```

# Table C-2. Input Messages (Continued) FLIGHT DATA MANIPULATIONS Flight Data Amendment = \*IFR or VFR flight plan\* Flight Identification and Field\_To\_Be\_Modified \*modify, add to, delete\* and New Data SLS 3.7.1.1.3.3.1.1, 3.7.1.1.3.3.2.1, 3.7.1.2.1.2.2.a, 40.3.7.1.1.3.3.1.2, 40.3.7.1.2.1.2.c Drop Flight Plan Internal = \*delete FDB/FDE from own facility\* Flight\_Identification SLS 3.7.1.2.1.2.2.b, 40.3.7.1.2.1.2.c Departure = \*activate a proposed departure or a proposed airfile flight plan\* Flight\_Identification and [Departure Time] and [Assigned Altitude] SLS 3.7.1.2.1.2.2.c, Table 40.3-5, 40.3.7.1.2.1.2.c Discrete Code Request/Assignment = \*assign, change\* Flight Identification and([Beacon Code] or [Code\_Subset\_Designator]) SLS 3.7.1.1.3.3.1.6, 3.7.1.1.3.3.2.1, 3.7.1.1.3.3.2.6, 3.7.1.2.1.2.2.d, 40.3.7.1.1.3.2.d, 40.3.7.1.1.3.3.2.1, 4Ø.3.7.1.1.3.3.2.6, 4Ø.3.7.1.2.1.2.c Flight Plan = \*enter IFR plan\* \*retrieve, modify, reenter\* Callsign and [Flight\_Rules] and [Type\_Of\_Flight] and [Number\_Of\_Aircraft] and Type\_Of\_Aircraft and [Model\_Number] and [Heavy\_Jet\_Indicator] and Equipment and (Departure Point and Departure Time) (Coordination\_Fix and Coordination Time/Elapsed Time To Coordinate Fix) and True Air Speed and Altitude and Route and [Destination]

```
Flight_Plan (continued) =
     and [Estimated Elapsed Time To Destination]
     and [Alternate Destination]
     and [Beacon_Code]
     and [Mode S Code]
     and [Remarks]
     and [NOPAR Indicator]
         SLS 3.7.1.2.1.2.2.e, Table 40.3-5, 40.3.7.1.1.3.3.1.1,
              40.3.7.1.1.3.3.1.5, 40.3.7.1.2.1.2.c
Hold = *initiate, modify, cancel* *FDEN*
          Flight Identification
     and [Fix]
     and [EFC_Time]
     and [Hold Cancel Indicator]
     and [Hold Direction]
     and([Turns])
     and([Leg_Lengths In Minutes Or Miles])
     and [Time_Entering Hold]
     and [Time_Leaving_Hold]
         SLS 3.7.1.1.3.2.4, 5.7.1.2.1.2.2.f, 40.3.7.1.2 1.2.c
Frogress_Report =
          Flight_Identification
     and Fix
     and [Actual Time At Fix] *FDEN*
     and [Pilot_Estimate_At_Fix] *FDEN*
     and [Next_Fix]
     and [Pilot Estimate At Next Fix] *FDEN*
     and [Altitude]
          SLS 3.7.1.1.3.2 7, 3.7.1.2.1.2.2.g, 40.3.7.1.2.1.2.c
Reported_Altitude =
          Flight Identification
     and (Altitude)
     and [Indicator_Denoting_Report_Reaching] *FDEN*
     and [Indicator_Denoting_Report_Leaving] *FDEN*
     and [Indicator_Denoting_That_Reported_Altitude_Is_Other_Than_
               Assigned_Altitude] *FDEN*
           $LS 3.7.1.1.3.2.5, 3.7.1.2.1.2.2.h, Table 40.3-5,
              4Ø.3.7.1.2.1.2.c
Transfer_Flight_Plan =
          (Flight Identification)
     and Facility *ARTS*
     g SLS 3.7.1.1.3.3.1.8, 3.7.1.2.1.2.2.1, 4Ø.3.7.1.1.3.3.1.6,
              4Ø.3.7.1.2.1.2.c
```

```
Drop Flight Plan = *delete FDB and FDE from ATC system*
         Flight Identification *IFR or VFR*
         SLS 3.7.1.1.3.3.2.1, 3.7.1.2.1.2.2.j, Table 40.3-5,
             40.3.7.1.2.1.2.c
Stereo_Flight_Plan = *enter*
         Callsign
     and [A/C Data]
     and [Speed]
    and Coordination_Time
     and [Altitude]
    and Stereo_Tag
     and [Remarks]
         SLS 5.7.1.2.1.2.2.k, 40.3.7.1.2.1.2.c
     FDE_And_Data_Field_Emphasis =
         Flight Identification
     and Field_To_Be_Emphasized *full FDE, field, subfield*
     and Emphasized_Data *enter, modify, delete, restore*
         SLS 3.7.1.2.1.1.2, 3.7.1.2.1.2.2.n, Table 40.3-5,
             4Ø.3.7.1.2.1.1.2, 4Ø.3.7.1.2.1.2.c
FDE Pointout = #force FDE to another sector*
         Flight_Identification
     and [Sector Posting Number)
     and Sector Number
          SLS 3.7.1.2.1.2.2.o, Table 40.5-5, 40.3.7.1.2.1.2.c
Request FDEs =
          Flight_Identification
     and([Sector Number
   and/or Facility])
     and [Posting_List_Heau...]
         SLS 3.7.1.1.3.3.2.5, 3.7.1.2.1.2.2.p, Table 40.3-5,
               4Ø.3.7.1.1.3.3.2.5, 4Ø.3.7.1.2.1.2.c
Runway_Assignment = *assign, reassign*
          Flight_Identification
     and Runway
          SLS 3.7.1.2.1.2.2.s, 40.3.7.1.2.1.2.c
Approach Type =
          Flight_Identification
     and Approach_Type
          SLS 3.7.1.2.1.2.2.t, 40.3.7.1.2.1.2.c
```

```
VFR Flight Plan =
          Aircraft_Identification *callsign*
     and [A/C_Data]
     and [Beacon Code]
     and [Departure Point]
     and [Destination]
     and [True Airspeed]
     and [Coordination Fix]
     and [Coordination Time]
     and [Altitude]
     and [Route]
     and [Estimated Point Of Penetration Of ADIZ/DEWIZ Boundary]
     and [Elapsed_Time_To_Point_Of_ADIZ/DEWIZ_Penetration]
     and [Remarks]
     and [Heading]
     and [Runway_Assignment]
     and [Estimated_Time_Of_Arrival]
     and [Coordination]
          SLS 3.7.1.1.3.3.2.1, 3.7.1.1.3.3.2.5, 3.7.1.2.1.2.2.u,
              4Ø.3,7.1.1.3.3.2.1, 4Ø.3.7.1.2.1.2.c
Altitude Restriction Message = *enter/cancel FDEN, controller
     reminder*
          Flight_Identification
     and([Restriction])
          SLS 3.7.1.2.1.2.2.v, 40.3.7.1.2.1.2.c
Suppress/Restore_Full_Data_Block_And_Flight_Data_Entry = *on displays
     at own workstation*
          Flight Identification
          SLS 3.7.1.2.1.2.2.w, 40.3.7.1.2.1.2.c
Request_Flight_Data_Readout =
          Flight Identification
          SLS 3.7.1.2.1.1.2, Table 40.3-5, 40.3.7.1.2.1.1.2
Airport VFR Flight Plan Request =
          Callsian
     and [Flight_Status] *arrival, departure, overflight*
     and [Code Block Selection]
     and([CPSD Coordinates]
     or
         [Fix]
         [Direction]) *magnetic bearing*
     or
     and [Airport]
           SLS 3.7.1.1.3.3.2.1, 3.7.1.1.3.3.2.6, 3.7.1.2.1.2.2.x,
              4Ø.3.7.1.1.3.2.d, 4Ø.3.7.1.1.3.3.2.1,
               4Ø.3.7.1.1.3.3.2.6, 4Ø.3.7.1.2.1.2.c
```

```
Flight Plan = *enter local IFR plan for intrafacility use*
          Aircraft_Identification
     and [Aircraft Data]
     and [Assigned_Beacon Code]
     and [Speed]
     and [Entry/Departure Point]
     and [Exit/Arrival Point]
     ana([Estimated_Time_Of_Entry]
        [Estimated Time Of Departure])
     and([Assigned Altitude]
         [Requested_Altitude]
     and [Route]
     and [Remarks]
     and [Estimated Time Arrival]
     and [Coordination]
          SLS Table 40.3-5, 40.3.7.1.2.1.2.c
Enter/Delete_FDE_Notation = *FDEN*
          Emergency/Hijack/Radio_Failure/Suspect Aircraft
     and
          Conflict Alert
          Minimum Safe Altitude Warning *MSAW*
     and
          Transfer_Of_Track_Control_Data_And/Or_Radar_Service_
     and
               Provided/Terminated/Lost *FDEN absence denotes radar
               radar service not yet provided*
          Data_Block_Pointout *includes receiving sector/ facility
     and
          Route_Data Field FDEN *radar vector heading, direct route
     and
               clearance. DME arc, radius clearance*
          Data_Field_Not_Forwarded To Required Sector/Facility
     and
               *includes intended receiving sector/facility
               identification*
     and
          Assigned Altitude FDEN *verified assigned altitude,
               altitude restriction, assigned altitude inappropriate
               for direction of flight, fix crossing time*
          Reported Altitude FDEN *controller request for a pilot to
               report reaching/leaving an altitude, altitude has been
               reached/vacated, pilot-reported altitude different from
               assigned altitude/ coordinated with next sector*
     and
          Record Of Clearances/Instructions Delivered
          Speed_Restriction_Assigned
          Holding Clearance/Instructions Issued
     and
          Future Action Required *regarding FDE field tagged*
     and (Flight_Changed_To_Next_Frequency
     and [New_Frequency]
     and [Frequency_Time_Change])
     and (VFR Flight Following Provided
     or
          Stage_II_Service_Provided
     or
          TCA_Service_Provided
     or
          TRSA Service Provided
          ARSA_Service_Provided)
     or
```

# Table C-2. Input Messages (Continued) Enter/Delete\_FDE\_Notation (continued) = and IFR Flight Plan Cancelled and (Arrival Time and Clearance\_Void\_Time) and Posted Fix FDEN \*pilot estimate at fix, actual time at fix\* and((SWAP or Preferential Route) and Associated Segment Of Filed Route) SLS 3.7.1.2.1.1.2.1, 3.7.1.2.1.1.2.1.a-u, 3.7.1.2.1.2.2, 40.3.7.1.2.1.1.2.1, 40.3.7.1.2.1.2.c AERONAUTICAL AND METEOROLOGICAL DATA CHANGES A&M\_Data\_Amendment = A&M Data\_Type and [Station/Location/Area\_Identifier] and [Altitude Limits] and Text SLS 3.7 1.1.3.6, 3.7.1.1.3.6.2, 3.7.1.2.1.1.3.c, 3.7.1.2.1.2.3.a, 40.3.7.1.1.3.5, 40.3.7.1.2.1.2.d Sensor Override = \*inhibit/permit airport environmental sensor data\* Sensor ID and [Fallback\_Value] and [Inhibit/Permit\_Data] SLS 3.7.1.2.1.2.3.d, 40.3.7.1.2.1.2.d Airport Environmental Data Change SLS 4Ø.3.7.1.2.1.1.6 SYSTEM STATUS CHANGES System\_Status\_Data\_Change = SLS 3.7.1.2.1.2.4, 40.3.7.1.2.1.2.e Data\_Category and Text Task Analysis

```
Table C-2. Input Messages (Continued)
                             DISPLAY CONTROL
SITUATION DISPLAY ADJUSTMENTS
    Select Geographic Area =
              Center Point *within facility area or backup area*
          and Radius *range about the center point*
          @ SLS 3.7.1.2.1.1.1.1, 40.3.7.1.2.1.1.1
    Select_Display_Range =
              Range *10 to 800 NMI, 2 NMI increments*
              SLS 3.7.1.2.1.1.1.1, 40.3.7.1.2.1.1.1
    Select/Inhibit_Category_Of_Geographic_Map_Data = *grouped by airport
          runway configuration*
             ([Group_Of_Fixes])
          and([Group Of Airways])
          and([Sector_Boundary]) *grouped by altitude*
          and([Special_Use_Airspace_Boundary])
          ond([Airport])
          and([Obstruction])
          and([Fix])
          and([Minimum Vector Altitude]) *MVA*
          and{[Military_Route]}
          and{[Holaing_Pattern_Airspace]}
          and (TBD)
               SLS 3.7.1.2.1.1.1.2, 40.5.7.1.2.1.1.1
          and Final_Approach_Course
          and (Navigational Aid)
               Table 40.3-11
     Emphasize/Deemphasize_Category_Of_Geographic_Map_Data =
             ([Group Of_Fixes])
          and([Group Of Airways])
          and([Sector_Boundary]) *grouped by altitude*
          and([Special Use Airspace Boundary])
          and([Airport])
          and([Obstruction])
          and([Fix])
          and([Minimum_Vector_Altitude])
          and([Military Route])
          and([Holding_Pattern_Airspace])
```

```
Emphasize/Deemphasize_Category Of Geographic Map Data (continued) =
    and([Special_Use_Airspace_Alphanumerics])
    and (TBD)
          SLS 3.7.1.2.1.1.1.2, 40.3.7.1.2.1.1.1
Select/Deselect Special Use Airspace Boundary Display = *on area-by-
    area basis*
         SLS 3.7.1.2.1.1.1.2, 40. 3.7.1.2.1.1.1
Reposition/Suppress Special Use Airspace Alphanumerics =
    e SLS 3.7.1.2.1.1.1.2, 40.3.7.1.2.1.1.1
Select_Multiradur/Single_Radar_Presentation
    @ SLS 3,7.1.2.1.1.1.3, 3.7.1.2.1.1.1.7, Table 40.3~7
Select/Deselect_Number_Of_Track_History_Positions *up to 5*
         SLS 3.7.1.2.1.1.1.5, 40.3.7.1.2.1.1.1
Select/Deselect Target/Track Data Category =
         Data Category
          SLS 3,7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
Select/Inhibit_Target/Track_Altitude_Category =
          Altitude Limits *strata*
          SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
    _____
Select/Inhibit_Display_Of_Class/Category_Of_Primary/Beacon_Targets =
          Target Category
          SLS 3.7.1.2.1.1.1.3.a, 40.3.7.1.2.1.1.1
Select/Inhibit Display Of Data Block Field =
         (Flight Identification
         All FDB/PDB/LDB)
     and Data Field
          SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
Display/Suppress_Track_Position_Symbol =
        [{Flight_Identification}] *of holding aircraft*
     or [All Holding Aircraft]
     or [Fix]
         SLS 3.7.1.2.1.1.1.3.e, 40.3.7.1.2.1.1.1
Select/Inhibit Display Of Strobe Lines =
         [Search Radar_Strobe]
     and [Beacon Radar Strobe]
     SLS 3.7.1.2.1.1.5, 3.7.2.2.1.1,1.6, 4Ø.3.7.1.2.1.1.1
```

```
Select/Suppress Display_Of_Range_Rings =
        [Center Point]
    and [Spacing] *2, 3, 5, 10, 25 nautical miles*
    and [Number Of Rings]
         SLS 3.7.1.2.1.1.1.12, 40.3.7.1.2.1.1.1
Suppress/Restore_Full_Data_8lock = *holding aircraft, FDB pointout*
         Flight Identification
         SLS 3.7.1.1.3.8, 3.7.1.2.1.1.1.3.e/dd, 4Ø.3.7.1.2.1.1.1
    _____
Suppress/Restore Partial Data Block *individual target*
         SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
Suppress/Restore Limited Data Block *individual target*
         SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
Inhibit/Restore Display Of VFR Flight Data
         SLS 40.3.7.1.1.3.3.2.5
Display/Suppress/_Hold_Character =
        {[Flight_Identification]}
     or [All Holding Aircraft]
     or [Fix]
         SLS 3.7.1.2.1.1.1.3.e. 40.3.7.1.2.1.1.1
Adjust Filter Limits For Partial Data Block Display =
         Altitude Limits
         SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
Adjust_Filter_Limits_For_Limited_Data_Block_Display =
        ([Altitude_Limits]
     and [Beacon_Code Limits]
     and [Geographic Area])
          SLS 3.7.1.2.1.1.1.3.ea/eb/ec, 40.3.7.1.2.1.1.1
             ____
Manually Offset Data Block = #FDB, PDB, LDB*
         (Flight Identification
     on
          TBD)
     and Leader Direction
     and Leader Length
          SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
Select Automatic/Manual Data Block Offset =
          Flight_Identification
          All FDB
     or
          SLS 3.7.1.2.1.1.1.3, 40.3.7.1.2.1.1.1
```

```
Adjust_Data_Item/Category_Display_Intensity =
          Display Item *target/track symbols, track vectors, beacon
               radar strobe lines*
     or
          Data_Category *data block type, position history data*
          SLS 3.7.1.2.1.1.1.3, 3.7.2.2.1.1.1.4, 3.7.2.2.1.1.1.6,
     æ
              4Ø.3.7.1.2.1.1.1
Display/Delete Aircraft Halo =
         (Track
         All Tracks)
     and [Halo_Size] *radius Ø.1 to 99 NMI*
     @ SLS 3.7.1.2.1.1 1.15, 40.3.7.1.2.1.1.1
Select ATC Radar Precipitation Level For Display =
         (Precipitation Level)3
     and [Geographic Area]
     \emptyset SLS 3.7.1.\overline{2}.1.1.1.7, 4\emptyset.3.7.1.1.3.5, 4\emptyset.3.7.1.2.1.1.1
Select_Automatic/Controller-Selected_ATC_Radar_Weather_Filtering =
          Geographic Area
          SLS 3.7.1.2.1.1.1.7, 40.3.7.1.2.1.1.1
Define/Delate_An_Inset_Of_Situation_Display_In_A_Viewport
          SLS 3.7.1.2.1.1.a.3. 40.3.7.1.2.1.1
Enable/Disable Arrival Fix Adapted Area
          SLS 40.3.7.1.2.1.1.1.a
Enter/Remove_Geographic_Tagging =
        ((CPSD_Designated_Point)
     or (Fix)) *including latitude and longitude designations*
     ar 1 Line
     and Circle
     and Arc
     and Polygon
     and Alphanumeric_String
         SLS 3.7.1.2.1.1.1.14, 40.3.7.1.2.1.1.1
```

```
FLIGHT DATA DISPLAY MANIPULATIONS
    Select_Flight_Data_Entry_Format =
            (Flight Identification
             FDE Posting List
            All FDEs)
         and1(FDE Format)10
            SLS 3.7.1.2.1.1.2.a/f, 40.3.7.1.2.1.1.2.f
    Manually_Post/Order_FDE = *place. move*
             Flight_Identification
         and Desired Location *in Flight Data Area*
           SLS 3.7.1.2.1.1.2.a/b, 40.3.7.1.2.1.1.2.a/b
    Acknowleage_FDE_Posting/Change/Suppression/Deletion =
             SLS 3.7.1.2.1.1.2.a/c/d/e, Table 40.3-5,
                 4Ø.3.7.1.2.1.1.2.a/c/d/e
    ______
    Inhibit/Restore_Automatic_FDE_Manipulation =
             Post
              Order
         or
             Suppression
         or
         or Delete
         @ SLS 3.7.1.2.1.1.2.a/b/d/e/n, 40.3.7.1.2.1.1.2
     @ SLS 3.7.1.2.1.1.2.a/b, 40.3.7.1.2.1.1.2.b
     Choose_Ascending/Descending_FDE_Sort_Order
:
         @ SLS 4Ø.3.7.1.2.1.1.2.b
     Suppress_Display_Of_An_FDE =
              Flight Identification
         and (List)
             SLS 3.7.1.1.3.3.2.5, 3.7.1.2.1.1.2.d, 40.3.7.1.1.3.3.2.5,
                  4Ø.3.7.1.2.1.1.2.d
     Select FDE Organization *of FDE types*
         @ SLS 3.7.1.2.1.1.2.0, 4\(\vec{y}\).3.7.1.2.1.1.2.a
     Select Automatic/Manual FDE Post Mode
         @ SLS 3.7.1.2.1.3.2.a, 40.3.7.1.2.1.1.2.a
     Select_Ascending/Descending_FDE_Sort_Order
         @ SLS 3.7.1.2.1.1.2.b, 40.3,7.1.2.1.1.2.b
```

```
Select/Deselect_Manual_FDE_Acknowledgement_Mode
         @ SLS 3.7.1.2.1.1.2.a/c/e/g, 40.3.7.1.2.1.1.2.a/c/d/e
ALERT AND RESOLUTION DISPLAY MANIPULATIONS
    Suppress_Alert_Entry =
      @ SLS 3.7.1.2.1.1.4, 40.3.7.1.2.1.1.3
SPECIAL LISTS MANIPULATIONS
     Display/Suppress_Special_List =
              Special_List_Identification
! #
              SLS 3.7.1.2.1.1.5, 3.7.1.2.1.1.5.4, 3.7.1.2.1.1.5.5,
                   3.7.1.2.2.1.2. 40.3.7.1.2.1.1.4, 3.7.1.2.2.1.1
     Emphasize/Deemphasize_Special_List_Data_Item
          @ SLS 3.7.1.2.1.1.5, 40.3.7.1.2.1.1.4
     Prioritize Sort Factors For Coast/Hold/Suspend List =
               SLS 3.7.1.2.1.1.5.3, 40.3.7.1.2.1.1.4.3
              {Sort Factor}
          and (Priority)
          @ Task Analysis
   Select Ascending/Descending Sort Order For Coast/Hold/Suspend List
        @ SLS 3.7.1.2.1.1.5.3, 40.5.7.1.2.1.1.4.3
     {\tt Select\_Flight\_Data\_Fields\_For\_Sorting\_Coast/Hold/Suspend\_List}
          @ SLS 3.7.1.2.1.1.5.3, 40.3.7.1.2.1.1 4.3
MESSAGE MANIPULATIONS
     Query_Data_Base_For_Selected_Readout =
               Data Description *flight plan, weather data, route, ATC
                    Mail message, etc.*
          @ SLS 3.7.1.2.1.1.3.d.2, 3.7.1.2.1.1.6
                    *assigned/ reported altitude*
          @ Task Analysis/ ARTS functionality
```

```
Compose ATC Mail =
             Text_Of_Message
         and (Pacipient)
         and [Priority Designator]
             SLS 3.7.1.1.3.7.1, 3.7.1.2.1.2.10.a
         and [Controller_Note]
              SLS 3.7.1.2.1.1.18, 40.3.7.1.2.1.1.11
    Edit_ATC_Mail = *to view and/or edit existing message*
             (ATC Mail Message)
         and (Recipient)
         and [Cut-And-Paste]
         and [Select/Copy-And-Paste]
       SLS 3.7.1.1.3.7.1, 3.7.1.2.1.2.10.b, 40.3.7.1.1.3.7.1
    Save ATC Mail = *save, recall*
             ATC Mail Message
         and [Portion To Save]
         SLS 3.7.1.1.3.7.1, 3.7.1.2.1.2.10.c, 40.3.7.1.1.3.7.1
                           ______
    Delete ATC Mail =
              ATC Mail Message
              SLS 3.7,1.1.3.7.1, 3.7.1.2.1.2.10.d, 40.3.7.1.1.3.7.1
    Acknowledge_Receipt_Of_Priority_ATC_Mail.
         @ SLS 3.7.1.1.3.7.1, 40.3.7.1.1.3.7.1
    Display_Quick Reference Message Entry Format
         @ SLS 3.7.1.2.1.2.aa2, 40.3.7.1.2.1.2
    Display_Quick_Reference_Message_Entry_Format_Data
         @ SLS 3.7.1.2.1.2.aa2, 40.3.7.1.2.1.2
    Save_Query_Response_Data_On_Other_Display
              Display_For_Message_Data_Save
         and [Portion To Save]
            SLS 3.7.1.2.1.1.6, 40.3.7.1.2.1.1.5
AIRPORT ENVIRONMENTAL DATA DISPLAY MANIPULATIONS
    Display/Suppress Airport Environmental_Data
             SLS 3.\overline{7}.1.2.1.\overline{1}.7, 3.7.1.2.2.1.1, 40.3.7.1.2.1.1.6,
                  40.3.7.1.2.2.1.1
    Emphasize/Deemphasize Environmental Data Item
      @ SLS 3.7.1.2.1.1.7, 40.3.7.1.2.1.1.6
```

# ATTS\_Character @ Task Analysis/ ARTS functionality SYSTEM STATUS DATA DISPLAY MANIPULATIONS Display/Suppress\_System Status Data = {System\_Status\_Data\_Category} SLS 3.7.1.2.1.1.8, 3.7.1.2.2.1.1, 40.3.7.1.2.1.1.7, 40.3.7.1.2.2.1.1 Emphasize/Deemphasize\_System\_Status\_Data\_Item § SLS 3.7.1.2.1.1.8, 40.3.7.1.2.1.1.7 STATIC INFORMATION DISPLAY MANIPULATIONS Display/Suppress\_Static\_Information = Static\_Information\_Item\_Identification Index/Table Of Contents SLS 3.7.1.2.1.1.9, 3 7.1.2.2.1.1, 40.3.7.1.2.1.1.8 CONTROLLER NOTEPAD DISPLAY MANIPULATIONS Controller Note = "electronic scratchpad" Text \*enter, delete, edit/modify\* @ SL\$ 3.7.1.2.1.1.18, 40.3.7.1.2.1.1.11 Display/Suppress\_Controller\_Notepad\_Display @ SLS 3.7.1.2.2.1.1, 30.3.7.1.2.2.1.1 SIGN ON/SIGN OFF \_\_\_\_\_ Sign\_On = User Identification and {Operational\_Responsibility\_Designator} and [Display Preference Set Identifier] @ SLS 3.7.1.1.3.7.3, 3.7.1.2.1.2.9a, Table 40.3-7, 40.3.7.1.1.3.7.3

```
Sign Off
              User Identification
         and([Operational_Responsibility_Designator])
              SLS 3.7.1.1.3.7.3, 3.7.1.2.1.2.9b, Table 40.3-7,
                  40.3.7.1.1.3.7.3
               ______
    Modify_Display_Preference_Set =
              User Identification
         and Password
         and Display_Preference Identifier
         and (Data_To_Be_Changed)
              SLS 3.7.1.1.3.7.5, 3.7.1.2.1.2.9.c, 40.3.7.1.1.3.7.4
    Display/Invoke Display Preference Set =
              Display_Preference_Identifier
         and{[Logical_Display_Identifier]}
         and [Current_Display_Selections]
         and [Invoke]
         and([Logical_Display_Viewport_Location])
         and [Portion Of Preference Set]
              SLS 3.7.1.1.3.7.3, 3.7.1.1.3.7.5, 3.7.1.2.1.2.ab,
                  3.7.1.2.1.2.9.d, Table 40.3-7, 40.3.7.1.1.3.7.3
PARAMETER ADJUSTMENTS
    Console Configuration Edit =
             {Display_Preference_ID}10
         and Logical_Display_Viewport_Location
         and Logical_Display_Viewport_Size
         and {Data_Item_Assignment_To_Brightness_Control Group}
         and (Display_Attributes) *brightness, symbol size, etc.*
         and {Posting_Options_Per_Display}
         and (Ordering_Options_Per_Display)
         and {Updating_Options_Per_Display}
         and {Deleting_Options_Per_Display}
         and (Formatting Options Per Display)
         and {Form-Filling_Default_Value}
         and (Menu-Selection Default Value)
              SLS 3.7.1.1.3.7.5, 5.7.1.2.1.2.ab, 40.3.7.1.1.3.7.4
```

```
GENERAL DISPLAY FUNCTIONS
    Request Assignment Of Logical Display To_One_Physical_Display =
      *where not otherwise specified*
              Logical Display
         and [Display_Portion]
         and Physical Display
         and [Viewport Location]
              SLS 3.7.1.1.3.7.5, 3.7.1.2.1.1.a, 40.3.7.1.2.1.1
     Page/Scroll
              SLS 3.7.1.2.1.1, 3.7.1.2.1.1.2, 3.7.1.2.1.1.5.10,
                  3.2.1.2.1.1.9, Table 40.3-9/10, 40.3.7.1.2.1.1,
                  40.3.7.1.2.1.1.2
    Draw/Remove_Graphics = *main display*
          and Series Of Dots *line, circle, arc*
              Series Of Short Dashes *line, circle, arc*
          and
              Series Of Long Dashes *line, circle, arc*
          and (Continuous Line
          and Continuous_Circle
          and Continuous Arc)
          and Series Of_Dots_And_Dashes *line, circle, arc*
               SLS 3.7.1.2.3.1.1.2, 40.3.7.1.2.3
     Select_Character/Symbol_Size =
               Viewport
               SLS 3.7.1.2.1.1.a/f, 3.7.1.2.3.1.1.1, 40.3.7.1.2.1.1
     Adjust Display Size/Shape/Location
          © SLS 3.7.1.2.1.1.a, 40.3.7.1.2.1.1
     Adjust Brightness Of Data Class
          @ SLS 3.7.1.2.3.1.1.4, 40.3.7.1.2.3
     Select Display Area_Background_Shading
          @ SLS 3.7.1.2.3.1.1.3, 40.3.7.1.2.3
                        _____
     Deemphosize_Emphasized_Display_Item: *message acknowledgement*
               SLS 3.7.1.2.1.1.g, 40.3.7.1.2.1.1
     Define/Delete_A_Viewport_On_A_Display_Surface
          @ SLS 3.7.1.2.1.1.a.3, 40.3.7.1.2.1.1
```

```
Terminate_Auditory Caution/Warning Alarm *acknowledge signal*
         SLS 3.7.1.2.1.1.1, 40.3.7.1.2.1.1
 Terminate/Set-Aside/Resume_Process_Or_Transaction
      @ SLS 3.7.1.2.1.2.aa/af, 40.3.7.1.2.1.2
 Display_Quick_Reference_Message_Entry_Format
      @ SLS 3.7.1.2.1.2.aa.2, 40.3.7.1.2.1.2
 Pick Menu Option
      @ SLS 3.7.1.2.1.2.aa.3, 40.3.7.1.2.1.2
 Return To Previous (Higher) Level Of Hierarchical Menu
      @ SLS 3.7.1.2.1.2.gg.3, 40.3.7.1.2.1.2
 Enter Function Key Command
      @ SLS 3.7.1.2.1.2.aa.4, 40.3.7.1.2.1.2
 Compose_Function_Key_Command *via alphanumeric keyboard*
      @ SLS 3.7.1.2.1.2.aa.4, 40.3.7.1.2.1.2
Edit/Correct_Data_Entry_Error
      @ SLS 3.7.1.2.1.2.af, 40.3.7.1.2.1.2
 Select_Display_Object_By Pointing With Cursor Positioning/Selection
      Device
           SLS 3.7.1.2.1.2.ai, 40.3.7.1.2.1.2
 Select Display Location With Cursor Positioning/Selection Device
      @ SLS 3.7.1.2.1.2.aj, 40.3.7.1.2.1.2
```

# APPENDIX D

# TASK CHARACTERIZATION ANALYSES

Included within this appendix are three separate task characterization analyses (reference Volume I, Section 3.4):

- 1. Task Information Requirements
- 2. Cognitive/Sensory Attributes
- 3. Performance Requirements
- 4. Deleted

## TASK INFORMATION REQUIREMENTS

Task Information Requirements are developed by associating controller tasks with system communication messages, and occasionally by direct observation. Communications messages can be to or from another TAAS sector controller, a TAAS Area Supervisor, a computer display, or someone outside the TAAS facility, such as an ATCT or an en route controller. The available system communication input and output messages for TAAS sector controllers are listed in Appendix C.

TAAS messages include controller-entered messages which may or may not update the TAAS data base, or computer output messages such as data blocks, flight data, weather, or status information. Messages between TAAS terminal or towers may be communicated by Voice Switching and Control System (VSCS), ATC Mail, or system function messages.

The following summarizes the components of the Task Information Requirements table (reference Section 3.4.1 of Volume I for more discussion):

Task Type: Tasks are categorized as belonging to one or more of four types:

- E (ENTRY) Entry of data into TAAS by system message (e.g., function key) or by ATC Mail
- R (RECEIPT) Receipt of information by means other than by voice communication; includes system messages, ATC Mail, and direct observation
- A (ANALYTICAL) Cognitive assessment and evaluation of data, involving no input or output of information unless combined with another task type
- VC (VERBAL COMMUNICATION) Transfer or exchange of information with another person via VSCS or directly.

Information Received by the Controller: Information can be received via Common Console display (including ATC Mail) or direct observation. Verbal coordination is not addressed. The topic of ATC Mail or object of direct observation is cited in non-UIL message terms.

Information Source: The source of information received can be a specific Sector Suite display, class of output message, ATC Mail, or direct observation.

Information Entered by the Controller: Information is entered by the controller via console data input to the system. For information entered into ATC Mail, only the term "Textual ATC Mail" is shown.

Frequency: Tasks are assessed relative to all other controller tasks as having HIGH (HI), MEDIUM (MED), or LOW (LOW) frequency of performance.

Criticality: Tasks are assessed relative to all other controller tasks as having EXTREME (EXT), HIGH (HI), MEDIUM (MED), or LOW (LOW) criticality

System input messages, display output messages, and logical displays are stated in the terms provided in the User Interface Language of Appendix C. The context of a task's use in the Composition Graphs of Appendix A determines the extent of secondary task types associated with the primary nature of the task, as implied by the task action verb.

Controller activity and sub-activity statements are included in the table listing, as is the one macro, but their information requirements are not listed.

Of the 369 TAAS controller tasks, 159 tasks (43 percent) are rated as either Extreme or High criticality (30 Extreme and 129 High). Medium criticality is assigned to 137 tasks (37 percent). The remaining 73 tasks (19 percent) receive a Low criticality rating. Criticality ratings do not take into consideration the frequency of task performance. Thus, a number of the tasks involved with system malfunctions receive a High criticality rating because, when they would need to be performed, they would be critical to operations.

Tas	Information	Requirements
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ask Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Cri
1.0	PERFORM TAAS DOMESTIC AIR TRAFFIC CONTROL						
1.0.0.0	GENERATE CLEARANCE						1
11.1	PERFORM SITUATION MONITORING						
1.1.1	CHECKING AND EVALUATING SEPARATION						
11.1.1.1	REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/OR FUTURE AIRCRAFT SEPARATION	R,'A	FLIGHT DATA ENTRY, FLIGHT DATA READOUT AREA	FLIGHT DATA DISPLAY	N/A	M	E
11.1.1.2	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF AIRCRAFT SEPARATION STANDARDS	R/A	FULL DATA BLOCK, LIMITED DATA BLOCK, TARGET POSITION SYMBOL, OBSTRUCTION	SITUATION DISPLAY	N/A	н	E
41.1.1.6	PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTITUDE/ PATH	R/A	FULL DATA BLOCK, LIMITED DATA BLOCK, TARGET POSITION SYMBOL, OBSTRUCTION, WEATHER DESCRIPTOR, FLIGHY DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	н	н
A1.1.1.6	FORCE/ QUICK LOOK FULL DATA BLOCK(S) TO EXAMINE TRACK INFORMATION ON AIRCRAFT	E/R/A	FULL DATA BLOCK	SITUATION DISPLAY	FLIGHT ID, FORCE DATA BLOCK, SECTOR NUMBER, QUICK LOOK	L	۲
11.1.7	DETERMINE WHETHER AIRCRAFT MAY BE SEPARATED BY LESS THAN PRESCRIBED MINIMA	A	N/A	N/A	N/A	н	
A1,1,1.8	SELFCT FOE SORTING PRIORITY SCHEME	£	N/A	N/A	SELECT FDE JORT TECHNIQUE	L	1
A1.1.1.9	OBSERVE TRACK VELOCITY/ DISTANCE VECTOR TO PROJECT AIRCRAFT MOVEMENT	E/R/A	TRACK DISTANCE VECTOR, TRACK VELOCITY VECTOR	SITUATION DISPLAY	FLIGHT ID, MINUTES. REQUEST TRACK VELOCITY VECTOR, MILES, REQUEST TRACK DISTANCE VECTOR	М	
A1.1.1.12	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF AIRSPACE SEPARATION STAWDARDS	R/A	FULL DATA BLOCK, LIMITED DATA BLOCK, TARGET POSITION SYMBOL, SPECIAL USE AIRSPACE	SITUATION DISPLAY	N/A	н	
A1,1.1,14	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF CONFORMANCE CRITERIA	R/A	TARGET POSITION SYMBOL, ALTITUDE NONCONFORMANCE INDICATOR, GEOGRAPHIC MAP DATA	SITUATION DISPLAY, FULL DATA BLOCK	N/A	н	
A1.1.1.15	DETERMINE WHETHER AIRSPACE SEPARATION STANDARDS MAY BE VIOLATED	A	N/A	N/A	N/A	н	
A1.1.1.17	DETERMINE WHETHER FLOW RESTRICTIONS MAY BE VIOLATED	А	N/A	N/A	N/A	н	
A1.1.1.75	REVIEW DISPLAYS FOR POTENTIAL VIOLATION OF FLOW RESTRICTIONS	R/A	FULL DATA BLOCK, TARGET POSITION SYMBOL, FLIGHT DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	H	
A1.1.1.76	REQUEST BEACON CODE/ MODE C/ GROUND SPEED READOUT OF UNASSOCIATED TARGET	E/R/A	MODE 3/A BEACON CODE. MODE C ALTITUDE DATA, GROUND SPEED	LIMITED DATA BLOCK	QUERY DATA BASE FOR SELECTED READOUT (BEACON CODE/ MODE C/ GROUND SPEED)	L	
	RECEIVING SYSTEM STATUS	1	i	1	1	1	- [

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Task	Information	Requirements
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			lask	Information Requ	uxrements				
	Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Freq	Crit	ĺ
	A1.1.2.1	OBSERVE DISPLAY OF NEW/ CHANGED EQUIPMENT/ OPERATIONAL STATUS	R/A	EQUIPMENT STATUS, COMMUNICATION STATUS, COMPUTER OUTAGE, DATA COMMUNICATION LINE OUTAGE, VOICE COMMUNICATION LINE OUTAGE	SYSTEM STATUS DATA DISPLAY, VSCS A/G DISPLAY, VSCS G/G DISPLAY	N/A	L	м	
l	A1.1.2.2	ENTER SYSTEM STATUS DATA CHANGE	E	N/A	N/A	SYSTEM STATUS DATA CHANGE	L	м	l
	A1.1.2.3	RECEIVE NOTICE OF STATUS OF ADJACENT/ BACKUP FACILITY AUTOMATION EQUIPMENT	R/VC	ADJACENT/ BACKUP FACILITY AUTOMATION EQUIPMENT STATUS	TEXTUAL ATC MAIL	N/A	Ĺ	L	
	A1.1.2.4	DETECT EQUIPMENT SERVICE INTERRUPTION/ RESTORATION	R	EQPT STATUS, COMPUTER OUTAGE, USAGE OF OPERATIONAL FUNCTIONS, STATUS INFORMATION, UPDATE INDICATION	SYSTEM STATUS DATA DISPLAY	N/A	L	м	
	A1.1.2.5	RECEIVE NOTICE OF COMMUNICATION STATUS	R/VC	COMMUNICATION STATUS	TEXTUAL ATC MAIL	N/A	L	М	
	A1.1.2.6	REQUEST REPORT ON NAVAID STATUS	vc	N/A	N/A	N/A	L	м	
	A1.1.2.75	DETECT AIRPORT ENVIRONMENTAL EQUIPMENT SERVICE INTERRUPTION/ RESTORATION ALERT	R	ATC AIRPORT EQUIPMENT ALERT	AIRPORT ENVIRONMENTAL DATA DISPLAY	N/A	L	М	
	A1.1.2.76	ACKNOWLEDGE AIRPORT ENVIRONMENTAL EQUIPMENT SERVICE OPERATIONAL STATUS ALERT	E.	N/A	N/A	ACKNOWLEDGE EQUIPMENT STATUS ALERT	L	M	
•	A1.1.3	ANALYZING INITIAL REQUESTS FOR CLEARANCES							
	A1.1.3.1	SEARCH DISPLAY FOR INACTIVE FLIGHT PLAN ON CLEARANCE REQUEST	R/A	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	N/A	۱,	L	
	A1.1.3.2	REQUEST FLIGHT DATA READOUT	E/R/A	FLIGHT DATA READOUT AREA	FLIGHT DATA DISPLAY	FLIGHT ID, REQUEST FLIGHT DATA READOUT	L	M	
	A1.1.3.3	REQUEST FLIGHT DATA ENTRY FORMAT CHANGE	Ę	N/A	N/A	FLIGHT ID, FDE POSTING LIST, ALL FDE'S, FDE FORMAT, SELECT FLIGHT DATA ENTRY FORMAT	.	м	
	A1.1.6	PRUCESSING DEPARTURE/ EN ROUTE TIME INFORMATION					Ì		
	A1.1.4.1	ENTER DEPARTURE/ EN ROUTE TIME MESSAGE	E	N/A	N/A	FLIGHT ID, DEPARTURE TIME, ASSIGNED ALTITUDE, DEPARTURE, FIELD TO BE MODIFIED, NEW CATA, FLIGHT DATA AMENDMENT	L	M	
	A1.1.4.2	INITIATE TRACK MANUALLY	E/R	FULL DATA BLOCK, TARGET/ TRACK DESCRIPTOR	SITUATION DISPLAY	FLIGHT ID, TRACK ACTION (START), TRACK START POSITION, HEADING, SPEED, ASSIGNED ALTITUDE, TRACK	L	н	
	A1.1.4.3	OBSERVE AUTOMATIC TRACK START	R	FULL DATA HLOCK, TARGET/ TRACK DESCRIPTOR	SITUATION DISPLAY	N/A	m	н	
	A1.1.4.4	RECEIVE DEPARTURE/ EN ROUTE TIME NOTICE	R/VC	DEPARTURE TIME, EN ROUTE TIME	TEXTUAL ATC MAIL	N/A	L	н	
	A1.1.4.75	ACKNOWLEDGE EMPHASIZED DEPARTURE MESSAGE	E	N/A	N/A	DEEMPHASIZE EMPHASIZED DISPLAY ITEM (UNSUCCESSFUL DEPARTURE MESSAGE)	L	ز	
	<u> </u>	<u></u>	ــــــــــــــــــــــــــــــــــــــ		The same of the sa	DOT/FAA/AP-	07.01/3		į

Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
A1.1.4.76	OBSERVE EMPHASIZED DEPARTURE MESSAGE	R/A	ACTUAL DEPARTURE TIME	FLIGHT DATA ENTRY	N/A	ι	M
A1.1.5	PROCESSING REQUESTS FOR FLIGHT FOLLOWING						
A1.1.5.1	EVALUATE CONDITIONS FOR PROVIDING FLIGHT FOLLOWING	R/A	FULL DATA BLOCK, FLIGHT DATA ENTRY, SPECIAL LISTS, ALERT CONDITION, NEATHER DESCRIPTOR, SYSTEM STATUS INFORMATION	SITUATION DISP, FLIGHT DATA DISP, SPECIAL LISTS, ALERT & RESOLUTION DISP, SYS STATUS DATA DISP	N/A	L	r
A1.1.5.2	RECEIVE REQUEST FOR FLIGHT FOLLOWING	R/VC	FLIGHT FOLLOWING REQUEST	TEXTUAL ATC MAIL	N/A	L	L
A1.1.5.3	DENY FLIGHT FOLLOWING REQUEST	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	L
A1.1.5.4	REQUEST/ ASSIGN BEACON CODE TO AIRCRAFT	E/R/VC	BEACON CODE	RESPONSE DISPLAY, FLIGHT DATA ENTRY	FLIGHT ID, BEACON CODE, CODE SUBSET DESIGNATOR, DISCRETE CODE REQUEST	М	М
A1.1.5.5	INFORM PILOT OF ALTERNATE INSTRUCTIONS NECESSARY FOR FLIGHT FOLLOWING SERVICE	VC	N/A	N/A	N/A	L	M
A1.1.6	HOUSEKEEP ING					1	
A1.1.6.1	OFFSET A DATA BLOCK	E	N/A	N/A	FLIGHT ID, LEADER DIRECTION, LEADER LENGTH, MANUALLY OFFSET DATA BLOCK	L	M
A1.1.6.2	UPDATE/ REVISE CONTROLLER NOTE	E	N/A	N/A	CONTROLLER NOTE (EDIT/MODIFY)	l.	L
A1.1.6.3	DELETE FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM ATC SYSTEM	E	N/A	N/A	FLIGHT IDENTIFICATION, DROP FLIGHT PLAN	L	L
A1.1.6.5	SUPPRESS DISPLAY OF FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM ALL DISPLAYS IN OWN SECTOR SUITE	E	N/A	N/A	FLIGHT ID, SUPPRESS FULL DATA BLOCK AND FLIGHT DATA ENTRY	L	Ĺ
A1.1.6.5	RESTORE DISPLAY OF FLIGHT DATA ENTRY AND FULL DATA BLOCK TO ALL DISPLAYS ON OWN SECTOR SUITE	E	N/A	N/A	FLIGHT ID, RESTORE FULL DATA BLOCK AND FLIGHT DATA ENTRY	L	М
A1.1.6.7	SUPPRESS DATA BLOCK FROM ALL DISPLAYS IN OWN SECTOR SUITE	E	N/A	N/A	FLIGHT ID, SUPPRESS FULL DATA BLGCK	L	١
A1.1.6.8	RESTORE DATA BLUCK TO ALL DISPLAYS IN OWN SECTOR SUITE	E	N/A	N/A	FLIGHT ID. DISPLAY FULL DATA BLOCK	Ļ	M
A1.1.6.9	SUPPRESS FLIGHT DATA ENTRY FROM ALL DISPLAYS IN OWN SECTOR SUITE	E	N/A	N/A	FLIGHT ID, LIST, SUPPRESS DISPLAY OF AN FOE	L	L
A3.1.6.10	RESTORE FLIGHT DATA ENTRY TO ALL DISPLAYS IN OWN SECTOR SUITE	E	N/A	N/A	FLIGHT ID, REQUEST FDE'S	L	į
A1.1.5.13	ENTER FDE NOTATIONS	E	N/A	N/A	FLID, FIELD TO BE MODIFIED, NEW DATA, FLIGHT DATA AMENOMENT, ALTITUDE RESTRICTION, LOST OR TERMINATED INDICATOR, RADAR CONTACT, ENTER FDEN	Н	L

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<del></del>		Task	Information Requ	irements				
Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit	
A1.1.6.12	DELETE FOE NOTATIONS	E	N/A	N/A	FLID, FIELD TO BE DELETED, FLIGHT DATA AMENDMENT, ALTITUDE RESTRICTION, LOST OR AGE, LOST OR TERMINATED INDICATOR, RADAR CONTACT	L	м	
A1.1.6.13	RESEQUENCE FLIGHT DATA ENTRY MANUALLY	E	N/A	N/A	MANUALLY POST/ ORDER FDE	L	L	l
A1.1.6.14	DELETE CONTROLLER NOTE	E	N/A	N/A	CONTROLLER NOTE (DELETE)	L	Ł	Ì
A1.1.6.15	DELETE SCRATCH PAD DATA IN FULL DATA BLOCK	E	N/A	N'A	FLIGHT ID, DELETE, SCRATCH PAD	L	L	
A1.1.6.52	REMOVE OBSULETE PAPER RECORDS OR RECORDED DATA	E	N/A	N/A	N/A	м	L	
A1.1.6.75	DELETE FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM LOCAL TAAS SYSTEM	E	N/A	N/A	FLIGHT IDENTIFICATION, DROP FLIGHT PLAN INTERNAL	L	L	
A1.2	RESOLVE AIRCRAFT CONFLICTS							
A1.2.1	PERFORMING AIRCRAFT CONFLICT RESOLUTION							
A1.2.1.1	DETECT AIRCRAFT CONFLICE ALERT INDICATION	R	CONFLICT ALERT, CONFLICT ALERT INDICATOR, ALERT TYPE, ALERT CONDITION, CALLSIGN	ALERT AND RESOLUTION DISPLAY, FULL DATA BLOCK, FLIGHT DATA ENTRY NOTATION	N/A	L	E	
A1.2.1.2	DETERMINE VALIDITY OF POTENTIAL AIRCRAFT CONFLICT NOTICE OR INDICATION	A	FLIGHT DATA ENTRY, GEOGRAPHIC MAP DATA, DATA BLOCK	FLIGHT DATA DISPLAY, SITUATION DISPLAY	N/e.	L	н	
A1.2.1.3	RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRCRAFT CONFLICT IN SECTOR	VC	N/A	N/A	N/A	L	E	
A1.2.1,4	INFORM CONTROLLER OF POTENTIAL AIRCRAFT CONFLICT IN HIS SECTOR	vc	N/A	N/A	N/A	L	Ε	
A1.2.1.5	FORWARD NOTICE OF AIRCRAFT CONFLICT TO SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	L	
A1.2.1.7	REVIEW POYENTIAL CONFLICT SITUATION FOR RESOLUTION	R/A	FULL DATA BLOCK, LIMITED DATA BLOCK, FLIGHT DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY, ALERT AND RESOLUTION DISPLAY	N/A	i	E	
A1.2.1.8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT CONFLICT SITUATION	A	N/A	N/A	N/A	L	E	
A1.2.1.9	PERCEIVE POTENTIAL AIRCHAFT CONFLICT SITUATION	R/A	FULL DATA BLOCK, LIMITED DATA BLOCK, FLIGHT DATA ENTRY	SITUATION DISPLAY, FLICHT DATA DISPLAY	N/A	M	E	
A1.2.2	PERFORMING MINIMUM SAFE ALTITUDE PROCESSING					ļ		
A1.2.2.1	DETECT MSAW INDICATION OR ALARM	R	MINIMUM SAFE A TITUDE WARNING, ALERT TYPE, ALERT CONDITION, AURAL ALARM	ALERT AND RESOLUTION DISPLAY, FULL DATA BLOCK	N/A	I.	E	

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Task Number	Task Stotement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit	
A1.2.2.2	FORWARD NOTICE OF VALID MSAW OR FLIGHT ASSIST TO SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	L	
A1.2.2.3	RECEIVE CONTROLLER NOTICE OF POTENTIAL MSAM IN SECTOR	vc	N/A	N/A	N/A	L	Ε	
A1.2.2.4	INFORM CONTROLLER OF POTENTIAL MSAW IN HIS SECTOR	v¢	N/A	N/A	N/A	L.	Ε	
A1.2.2.5	PERCEIVE POTENTIAL LOW ALTITUDE SITUATION	R/A	FULL DATA BLUCK, LIMITED DATA BLOCK, FLIGHT DATA ENTRY, OBSTRUCTION, GEOGRAPHIC MAP DATA, MINIMUM VECTOR ALTITUDE	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	м	E	
A1.2.2.6	DETERMINE VALIDITY OF MSAN NOTICE OR INDICATION	A	N/A	N/A	N/A	L	H	
A1.2.2.7	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION	A	N/A	N/A	N⁄A	L	E	
A1.2.3	PERFORMING AIRSPACE CONFLICT PROCESSING							
A1.2.3.1	INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	ι	E	
A1.2.3.2	RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR	VC	N/A	N/A	N/A	1.	F	
A1.2.3.3	REQUEST RELEASE OF SPECIAL USE AIRSPACE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м	
A1.2.3.4	RECEIVE DENIAL OF USE OF SPECIAL USE AIRSPACE	R/VC	REJECTION OF AIRSPACE RELEASE	TEXTUAL ATC MAIL	N/A	L	M	
A1.2.3.5	RECEIVE APPROVAL FOR USE OF SPECIAL USE AIRSPACE	R/VC	AIRSPACE RELEASE ACCEPTANCE	TEXTUAL ATC MAIL	N/A	L	М	
A1,2.3.7	PERCEIVE POTENTIAL AIRSPACE CONFLICT SITUATION	R/A	FULL DATA BLOCK, LIMITED DATA BLOCK, FLIGHT DATA ENTRY, SEDGRAPHIC MAP DATA	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	М	н	
41.2.3.8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE CONFLICT SITUATION	A	N/A	N/A	N/A	L	н	
A1.2.3.75	DETERMINE VALIDITY OF AIRSPACE CONFLICT NOTICE	A	N/A	N/A	N/A	L	н	
A1.2.4	ISSUING UNSAFE CONDITION ALVISORIES							
A1.2.4.1	OBSERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT	R/A	OBSTRUCTION, TARGET PCSITION SYMBOL, FLIGHT DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	١	н	
A1.2.4.3	FORMULATE ADVISORY/ SAFETY ALERT CONTENT	A	N/A	N/A	N/A	L	Н	
A1.2.4.4	DETECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISORY/ ALERT	R/A	TARGET POSITION SYMBOL, DAYA BLOCK, POSITION HISTORY	SITUATION DISPLAY	N/A	L	н	
A1.2.4.5	ISSUE TRAFFIC ADVISORY/ SAFETY ALERT IN REGARD TO TRAFFIC PROXIMITY	VC	N/A	N/A	N/A	m	E	

Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
A1.2.4.6	INFORM PILOT WHEN CLEAR OF TRAFFIC	vc	N/A	N/A	N/A	м	L
A1.2.4.7	ISSUE ADVISORY IN REGARD TO A NON-CONTROLLED OBJECT	vc	N/A	N/A	N/A	L	н
A1.2.4.8	INFORM PILOT WHEN CLEAR OF WON-CONTROLLED OBJECT	vc	N/A	N/A	N/A	L	L
A1.2.4.9	ISSUE ADVISORY IN REGARD TO RESTRICTED AIRSPACE PROXIMITY	VC	N/A	N/A	N/A	L	м
A1.2.4.10	ISSUE ADVISORY IN REGARD TO FLIGHT PLAN DEVIATION	VC	N/A	N/A	N/A	L	м
A1.2.4.12	ISSUE SAFETY ALERT IN REGARD TO MINIMUM ALTITUDE	VC	N/A	N/A	N/A	L	E
A1.2.4.13	OBSERVE DISPLAY FOR NON-CONTROLLED AIRBORNE UBJECTS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT	R/A	TARGET POSITION SYMBOL	SITUATION DISPLAY	N/A	L	н
A1.2.4.14	DETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE	A	N/A	N/A	N/A	н	н
A1.2.5	SUPPRESSING ALERTS						
A1.2.5.2	SUPPRESS CONFLICT ALERT FOR PAIRED AIRCRAFT	Ê	N/A	N/A	FLIGHT ID, SUPPRESS ALERT INDICATOR, SUPPRESS CONFLICT ALERT PAIR	٤	L
A1.2.5.5	SUPPRESS MSAW FUNCTION FOR AN AIRCRAFT	Ē	N/A	N/A	FLIGHT IDENTIFICATION, SUPPRESS ALERT INDICATOR, SUPPRESS MSAW ALERT	L	L
A1.2.5.75	DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN ALERT	R/A	ALERT CONDITION, DATA BLOCK	ALERT AND RESOLUTION DISPLAY, SITUATION DISPLAY	N/A	L	н
A1.2.5.7C	RESTORE SPECIFIC ALERT FUNCTION TO NORMAL	E	N/A	N/A	FLIGHT ID. RESTORE CA PAIR, RESTORE MSAW ALERT	L	L
A1.3	MANAGE AIR TRAFFIC SEQUENCES						
A1.3.1	RESPONDING TO TRAFFIC MANAGEMENT CONSTRAINTS/ FLUM CONFLICTS						
A1.3,1.1	EVALUATE TRAFFIC MANAGEMENT CONSIRAINTS FOR EFFECT ON TRAFFIC FLOW	R/A	TRAFFIC MANAGEMENT ADVISORY	TEXTUAL ATC MAIL, FLIGHT DATA ENTRY	N/A	M	M
A1.3.1.2	CHOOSE OPTION TO BRING AIRCRAFT INTO CONFORMANCE WITH TRAFFIC MANAGEMENT RESTRICTIONS	R/A	AIRCRAFT POSITION AND MOVEMENT, AIRCRAFT CHARACTERISTICS,	FULL DATA BLOCK, TARGET POSITION SYMBOL, FLIGHT DATA ENTRY, SPECIAL LISTS	N/A	L	М
A1.3.1.3	01SCUSS DISCONTINUANCE OF TRAFFIC MANAGEMENT RESTRICTION/ TRAFFIC REROUTE WITH SUPERVISOR	A/VC	N/A	N/A	N/A	i.	L
A1.3,1.4	REVIEW OPTIONS TO URING AIRCRAFT INTO CONFORMANCE WITH TRAFFIC MANAGEMENT RESTRICTIONS	А	N/A	N/A	N/A	L	M
L					DOT/FAA/AP-		<u>L</u> .

ask Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Cri
1.3.1.5	NEGOTIATE TRAFFIC MANAGEMENT ACTION WITH PILOT	vc	IN/A	N/A	N/A	L	L
1.3.1.6	RECEIVE TRAFFIC MANAGEMENT RESTRICTION	R/VÇ	TRAFFIC MANAGEMENT RESTRICTION	TEXTUAL ATC MAIL	N/A	L	M
1.3.1.8	RECEIVE SUPERVISOR NOTICE TO HOLD/ REROUTE TRAFFIC CLEAR OF CONTINGENCY	R/V¢	HOLD/ REROUTE TRAFFIC	TEXTUAL ATC MAIL	N/A	_	м
1.3.1,9	REQUEST EXCEPTION TO TRAFFIC MANAGEMENT RESTRICTION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	M
1.3.1.18	REVIEW TRAFFIC DEMANDS AND TRAFFIC MANAGEMENT RESTRICTIONS WITH SUPERVISOR	ERA/VC	TRAFFIC FLOW INFORMATION	TEXTUAL ATC MAIL. SITUATION DISP. FLIGHT DATA DISPLAY	TEXTUAL ATC MAIL	L	L
1.3.1.11	RECEIVE SUPERVISOR BRIEFING ON WHAT TRAFFIC CONDITIONS TO EXPECT	VC/A	N/A	N/A	N/A	L	L
11.3.1.13	RECEIVE APPROVAL OF REQUEST FOR EXCEPTION TO FLOW RESTRICTION	R/vc	EXCEPTION APPROVAL	TEXTUAL ATC MAIL	N/A	L	L
11.3.1.14	RECEIVE DENIAL OF REQUEST FOR EXCEPTION TO FLOW RESTRICTION	R/VC	EXCEPTION DENIAL	TEXTUAL ATC MAIL	N/A	l.	
1.3.1.75	REQUEST TRAFFIC MANAGEMENT ADVISORIES	R/E/VC	TRAFFIC MANAGEMENT ADVISORY	TEXTUAL ATC MAIL	TEXTUAL ATC MAIL	L	,
1.3 2	PROCESSING DEVIATIONS		   	ļ			
N.3.2,1	PERCEIVE AN ALTITUDE OR ROUTE DEVIATION	R/A	APPARENT ROUTE OF FLIGHT/ ALTITUDE/ GROUND SPEED, INTENDED ROUTE OF FLIGHT/ ALTITUDE/ GROUND SPEED, TARGET PUSITION SYMBOL	FULL DATA BLOCK, FLIGHT DATA ENTRY, POSITION SYMBOL	N/A	Ļ	
41.3.2.2	OBSERVE AIRCRAFT RESUMING NORMAL FLIGHT PLAN	R/A	ROUTE DISPLAY, ASSIGNED ALTITUDE, GROUND SPEED, TARGET POSITION SYMBOL, POSITION HISTORY, GEOGRAPHICAL MAP DATA	FULL DATA BLOCK, TARGET/ TRACK DESCRIPTOR. SITUATION DISPLAY	N/A	Ĺ	
A1.3.2.3	DETERMINI MANEUVER TO ESTABLISH/ RESTORE FLIGHT PLAN CONFORMANCE	A	N/A	N/A	N/A	1	
A1,3,2,4	RECEIVE CONTROLLER NOTICE OF AIRCRAFT FLIGHT PLAN DEVIATION	R/VC	FLICHT PLAN DEVIATION	TEXTUAL ATC MAIL	N/A	l.	
A1.3.2.5	INFORM CONTROLLER/ SUPERVISOR OF AIRCRAFT FLIGHT PLAN DEVIATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	
A1.3.2.9	REQUEST DISPLAY OF FDE FOR FLIGHT PLAN	Ε	N/A	N/A	FLIGHT 19, SECYOR NUMBER/ FACILITY, POSTING LIST HEADER, REQUEST FDE'S	Ĺ	
A1. <b>3.</b> 2.10	EVALUATE FLIGHT DATA TO DETERMINE FUTURE COURSE OF ACTION	R/A	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	N/A	н	
A1. <b>3</b> ,2.12	EVALUATE ALTITUDE NONCONFORMANCE INDICATION FOR AUTION NEEDED	R/A	ALTITUDE NONCONFORMANCE INDICATOR, GEUGRAPHIC MAP DATA	FULL DATA BLOCK, SITUATION DISPLAY	N/A	L	

			Task	Information Requ	uirements		-	
	Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
	A1.3.2.13	EVALUATE UNREASONABLE MODE C INDICATION FOR ACTION NEEDED	Α	N/A	N/A	N/A	M	L
	A1.3.2.14	DETECT UNREASONABLE MODE C INDICATION	R	MODE C REASONABLENESS CHECK FAILURE INDICATOR	FULL DATA BLOCK	N/A	L	М
,	A1.3.2.75	DETECT ALTITUDE NONCONFORMANCE INDICATION	R	ALTITUDE NONCONFORMANCE INDICATOR	FULL DATA BLOCK	N/A	Ĺ	н
	A1.3.3	RESPONDING TO SPECIAL USE AIRSPACE EVENTS						
	A1.3.3.1	INFORM CONTROLLER/ SUPERVISOR/ PILOY OF AIRSPACE RESTRICTION IMPOSED/ RELEASE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
	A1.3.3.3	RECEIVE REQUEST FOR USE OF SPECIAL USE AIRSPAGE FROM SUPERVISOR/ CONTROLLER/ PILOT	R/VC	SPECIAL USE AIRSPACE REQUEST	TEXTUAL ATC MAIL	N/A	L	М
	A1.3.3.4	DETERMINE RESTRICTIONS TO USERS NECESSARY WITHIN RELEASED AIRSPACE	A	N/A	N/A	N/A	L	L
	A1.3.3.5	OBSERVE DISPLAY OF AIRSPACE RESTRICTION STATUS CHANGE	R	GEOGRAPHIC MAP DATA. SPECIAL USE ALRSPACE STATUS	SITUATION DISPLAY, SYSTEM STATUS DATA DISPLAY	N/A	L	м
	Λ1.3.3.6	RECEIVE NOTICE OF AIRSPACE RESTRICTION/ RELEASE	R/VC	SPECIAL USE AIRSPACE RESTRICTION/ RELEASE	TEXTUAL ATC MAIL	N/A	L	м
	A1.3.4	ESTABLISHING ARRIVAL SEQUENCES						
	A1.3.4.1	DETERMINE DESCENT TIME OR POINT	R/A	TRACK POSITION SYMBOL	SITUATION DISPLAY	N/A	Н	м
	A1.3.4.2	PRIVECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY APPROACH FLOW TO AIRPORT OR SECTOR	A	N/A	N/A	N/A	н	к
	A1.3.4.4	REQUEST AIRCRAFT BE REROUTED	E/V¢	N/A	N/A	TEXTUAL ATC MAIL	L	м
	A1.3.4.5	PROJECT MENTALLY THE RANGE/ BEARING BETWEEN AIRCRAFT	R/A	TARGET POSITION SYMBOL, FULL DATA BLOCK	SITUATION DISPLAY	N/A	н	н
	A1,3,4.6	PROJECT MENTALLY THE ARRIVAL FLOW FOR AIRCRAFT LANDING IN OR NEAR THIS SECTOR	А	N/A	N/A	N/A	Н	м
	A1.3.4.7	ISSUE NEW ATTS CODE	vc	N/A	N/A	N/A	M	М
	A1.3.4.8	INFORM PILOT TO OBTAIN NEW ATIS INFORMATION	vc	N/A	N/A	N/A	L	١
	A1.3.4.9	ISSUE ATIS INFORMATION	VC	N/A	N/A	N/A	M	L
	A1.3.5	MANAGING DEPARTURE FLOWS						]
	A1.3.5.1	VALIDATE MODE C ALTITUDE	R/A	MODE C ALTITUDE	FULI. DATA BLOCK	N/A	н	Н
)	A1.3.5.2	ENTER REPORTED ALTITUDE	ε	N/A	N∕A	FLIGHT ID, ALTITUDE, INDICATOR DENOTING REPORT REACHING/ LEAVING, INDICATOR DENOTING ALTITUDE OTHER THAN ASSIGNED, REPORTED ALTITUDE	M	М
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ĺ	Task Number	Task Statement	Task Type	Information Received	information Source	Information Entered	Freq	Crit
	A1,3.5.3	RECEIVE NOTICE OF MISSED APPROACH	R/VC	FUI.L DATA BLOCK	SITUATION DISPLAY	N/A	L	Ε
	A1.3.5.4	PROJECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY DEPARTURE FLOW	A	N/A	N/A	N/A	н	М
	A1.3.6	MONITORING NON-CONTROLLED OBJECTS						
	A1,3,6.1	OBSERVE AIRSPACE INTRUSION BY A NON-CONTROLLED OBJECT	R	TARGET POSITION SYMBUL, SECTOR ROUNDARY, PRIMARY TARGET CLASS	SITUATION DISPLAY	N/A	L	М
١	A1.3.6.2	ENTER CONTROLLER NOTE	E	N/A	N/A	ENTER CONTROLLER ANNOTATION	L	L
	A1,3,6.3	FLIGHT-FOLLOW AN OBSERVED NON-CONTROLLED OBJECT	E/R/A	TARGET POSITION SYMBOL	SITUATION DISPLAY	FLIGHT ID, TRACK ACTION (START), TRACK START POGITION, HEADING, SPEED, TRACK	L	М
	A1,3.6.4	FORWARD NOTICE OF AIRSPACE INTRUSION BY A NON-CONTROLLED OBJECT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	L
	A1,3.6.5	RECEIVE NOTICE OF AIRSPACE INTRUSION BY A NON-CONTROLLED OBJECT	R/VC	INTRUSION	TEXTUAL ATC MAIL	N/A	L	L
	A1.3.7	RESPONDING TO TEMPORARY RELEASE OF AIRSPACE REQUESTS						
	A1.3.7.1	RECEIVE CONTROLLER/ SUPERVISOR REQUEST FOR TEMPORARY USE OF AIRSPACE	R/VC	REQUEST FOR TEMPORARY USE OF AIRSPACE	TEXTUAL ATC MAIL	N/A	L	м
	A1.3.7.2	FORWARD APPROVAL FOR TEMPORARY USE OF AIRSPACE	E./VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
	A1.3.7.3	FORWARD DENIAL OF TEMPORARY USE OF AIRSPACE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	M
	A1.3.7.4	SUPPRESS MAP ASSOCIATED WITH TEMPORARY USE OF AIRSPACE	E	N/A	N/A	INHIBIT CATEGORY OF GEOGRAPHIC MAP DATA	L	L
	A1.3.7.5	DISCUSS RELEASE OF AIRSPACE FOR TEMPORARY USE WITH SUPERVISOR/ OTHER CONTROLLER	A/VC	N/A	N/A	N/A	L	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	A1. <b>3.</b> 7.6	SELECT MAP DISPLAY OF ADAPTED AIRSPACE REQUESTED FOR USE BY ANOTHER CONTROLLER	E	N/A .	N/A	SELECT CATECORY OF GEOGRAPHIC MAP DATA	<u> </u>	
	A1,3.7.7	EVALUATE FEASIBILITY OF RELEASING AIRSPACE TEMPORARILY	R/A	FULL DATA BLOCK, FLIGHT DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	L	L
	A1.3.7.8	RECEIVE NOTIFICATION OF RETURN OF RELEASED AIRSPACE	R/VC	RELEASED AIRSPACE NOTIFICATION	TEXTUAL ATC MAIL	N/A	L	M
	41, <b>3.</b> 8	REQUESTING TEMPGRARY RELEASE OF AIRSPACE						
	A1.3.0.1	REQUEST TEMPORARY USE OF ATRISPACE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	m
	A1.3.8.2	RECEIVE RELEASE/ USE OF AIRSPACE	R/VC	RELEASE/ USE OF AIRSPACE	TEXTUAL ATC MAIL	N/A	l,	L
	A1.3.8.3	RECEIVE REJECTION OF USE OF AIRSPACE	R/VC	REJECTION OF USE OF AIRSPACE	TEXTUAL ATC MAIL	N/A	L	M

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Task I	Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
A1.3.	8.4	FORWARD NOTICE OF RETURN OF RELEASED AIRSPACE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
A1.4		ROUTE OR PLAN FLIGHTS						
A1.4.	1	PLANNING CLEARANCES						
A1.4.	1.1	RECEIVE CONTROLLER NOTICE ON REGJESTED CLEARANCE OF AIRCRAFT LEAVING HIS SECTOR	R/VC	REQUESTED CLEARANCE	TEXTUAL ATC MAIL.	N/A	L	M
A1.4.	1.2	RECEIVE CLEARANCE REQUEST FROM ATCT/ FSS/ PILOT/ SUPERVISOR	R/VC	CLEARANCE REQUEST	TEXTUAL ATC MAIL	N/A	М	М
A1.4.	1.3	RECEIVE CONTRULLER REQUEST FOR CLEARANCE/ APPROVAL	R/VC	CLEARANCE/ APPROVAL REQUEST	TEXTUAL ATC MAIL	N/A	н	М
A1.4.	.1.4	FORWARD CLEARANCE REQUEST TO ANOTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	н	м
A1.4.	.1.5	REQUEST CLEARANCE/ APPROVAL FROM ANOTHER CONTROLLER	E./VC	N/A	N/A	TEXTUAL ATC MAIL	н	м
A1.4.	.1.6	RECEIVE CLEARANCE APPROVAL/ CLEARANCE RESTRICTIONS FROM ANOTHER CONTROLLER	R/VC	CLEARANCE APPROVAL/ RESTRICTIONS	TEXTUAL ATC MAIL	N/A.	H	н
A1.4.	.1.7	RECEIVE CLEARANCE DISAPPROVAL/ DENIAL FROM ANOTHER CONTROLLER	R/VC	CLEARANCE DISAPPROVAL/ DENIAL	TEXTUAL ATC MAIL	N/A	L	м
A1.4.	.1.8	RECEIVE ALTERNATE SUGGESTION FOR CLEARANCE/ APPROVAL REQUESTED OF ANOTHER CONTROLLER	R∕VC	ALTERNATE SUGGESTION FOR CLEARANCE	TEXTUAL ATC MAIL	N/A	٤	M
A1.4.	.1.18	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE	R/A	TARGET POSITION SYMBOL, OBSTRUCTION, SPECIAL USE AIRSPACE BOUNDARY, FDE	SITUATION OISPLAY, FLIGHT DATA DISPLAY, SPECIAL LISTS	N/A	н	м
A1.4	,1.12	DISCUSS CLEARANCE ALTERNATIVES WITH PILOT	vc	N/A	N/A	N/A	L	М
A1.4	.1.13	EVALUATE FDE CHANGES FOR CLEARANCE PLANNING OR FUTURE ACTIONS	R/A	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	N/A	L	М
£1.4	.1.14	DETERMINE PRIORITY OF CONTROL ACTIONS	А	N/A	N/A	N/A	н	н
A1.4	.1.15	PERCEIVE NEED FOR AMENDED CLEARANCE	R/A	FLIGHT DATA ENIRY, POSITION SYMBOL	FLIGHT DATA DISPLAY, SITUATION DISPLAY	N/A	К	н
A1.4	.1.16	FORMULATE CONTROLLER PLAN OF ACTION FOR CLEARANCE GENERATION	A	N/A	N/A	N/A	н	н
A1.4	.1.75	DETERMINE APPROPRIATE MENTAL PLAN FOR AIRCRAFT CLEARANCE	A	. N/A	N/A	N/A	н	н
A1.4	2	RESPONDING TO CONTINGENCIES						
A1.4	.2.1	DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	ERA/VC	CONTINGENCY PLAN CHECKLIST	STATIC INFORMATION DISPLAY	TEXTUAL ATC MAIL	L	Ε
А1.4	1.2.2	PECEIVE NOTICE OF PILOT OR AIRCRAFT HAVING A PROBLEM (E.G., OVERDUE, LOSS OF RADIO CONTACT)	R/VC	PILOT OR AIRCRAFT PROBLEM	TEXTUAL ATC MAIL	N/A	Ĺ	E
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Task Information Requirements							
Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
A1.4,2,3	ISSUE INSTRUCTIONS TO PILOT (NORDO) FOR IDENTIFICATION TURN/ TRANSPONDER RESPONSE	VC	N/A	N/A	N∕A	L	н
A1.4.2.4	DETECT A PILOT OR AIRCRAFT PROBLEM (E.G., HYPOXIA, EXCEPTION SEACON CODE)	R/A/VC	PILOT OR AIRCRAFT PROBLEM, EXCEPTION BEACON CODE, ALTITUDE MCNCONFORMANCE INDICATOR, AIRCRAFT SPECIAL CONDITION	OBSERVATION OF ERRATIC PILOT BEHAVIOR, FULL DATA BLOCK	N/A	L	Н
A1,4.2.5	FORWARD CONTINGENCY INFORMATION TO SUPERVISOR/ ANOTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	Н
A1.4.2.6	INFORM DESIGNATED PERSONNEL OF AIRCRAFT HAVING FLIGHT PROBLEMS	E/VC	N/A	N/A	TEXTIJAL ATC MAIL	L	н
A1.4.2.7	REQUEST RELAY OF INSTRUCTIONS TO PILOT (NORDO) FOR IDENTIFICATION TURN/ TRANSPONDER RESPONSE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	M
A1.4.2.8	CONDUCT SEARCH FOR AIRCRAFT WITHOUT RADIO CONTACT	E/A/VC	N/A	N/A	TEXTUAL ATC MAIL	L	н
A1.4.2.9	OBSERVE AIRCRAFT TURN/ TRANSPONDER RESPONSE FOLLOWING IDENTIFICATION REQUEST	R/A	TARGET POSITION SYMBOL, BEACON CODE	SITUATION DISPLAY	N/A	M	н
A1.4.2.10	CONDUCT RADIO/ RADAR SEARCH FOR OVERDUE AIRCRAFT	R/A/VC	BEACON CODE, DATA BLOCK, TARGET POSITION SYMBOL	SITUATION DISPLAY	N/A	L	Н
A1.4.2.11	RECFIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED	R/VC	EMERGENCY, CONTINGENCY PLAN	TEXTUAL ATC MAIL	N/A	L	E
A1.4.2.12	RECEIVE SUPERVISOR NOTICE TO CONDUCT COMMUNICATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT	R/VC	NOTICE TO CONDUCT AIRCRAFT SEARCH	TEXTUAL ATC MAIL	N/A	L	н
A1.4.2.13	RECEIVE NOTICE THAT SUPERVISOR WILL CONDUCT COMMUNICATIONS SEARCH FOR OVERDUE/ NORDO A1RCRAFT	R/VC	SUPERVISOR SEARCH FOR AIRCRAFT	TEXTUAL ATC MAIL	N/A	L	м
A1.4.2.14	RECEIVE PILOT NOTICE OF EMERGENCY DECLARED	R/VC	AIRCRAFT SPECIAL CONDITION	FULL DATA BLOCK	N/A	L	E
A1.4.3	RECOGNIZING SPECIAL OPERATIONS				·		
A1.4.3.1	PERCEIVE PRESENCE OF SPECIAL OPERATION	R/A	CALLSIGN, ROUTE OF FLIGHT, PRESENCE OF DATA BLOCK IN SPECIAL USE AIRSPACE, SPECIAL HANDLING REMARKS IN FLIGHT DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	L	н
A1.4.3.2	RECEIVE REVIEW/ NOTICE OF SPECIAL OPERATION	R/VC	SPECIAL OPERATION INFORMATION	TEXTUAL ATC MAIL	N/A	L	M
A1.4.3.3	FORWARD NOTICE OF SPECIAL CPERATIONS TO ANOTHER CONTROLLER/ SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
A1.4.4	REVIEWING FLIGHT PLANS						
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•	Task Information Requirements							
	Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Freq	Crit
	A1.4.4.1	ORSERVE NEW FLIGHT PLAN POSTING	R	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	N/a	М	М
	A1,4.4.2	REVIEW FLIGHT PLAN FOR COMPLETENESS	R/A	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	N/A	L	м
	A1.4.4.3	ENTER FLIGHT PLAN	E	N/A	N/A	CALLSIGN, PLAN DATA, FLIGHT PLAN	L	L
	A1.4.4.4	ACKNOWLEDGE NEW FLIGHT PLAN RECEIPT	E	N/A	N/A	ACKNOWLEDGE FDE POSTING	L	L
	A1.4.4.5	REVIEW FLIGHT PLAN FOR ERRORS/ DATA LIST SEQUENCE	R/A	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	N/A	L	L
	A1.4.4.6	RECEIVE FLIGHT PLAN FROM PILOT	vc	N/A	N/A	N/A	Ł	L
	A1.4.4.7	RECEIVE FLIGHT PLAN VERBALLY FORWARDED	vc	N/A	N/A	N/A	L	L
	A1.4.4.8	QUERY PILOT ABOUT FLIGHT PLAN	VC	N/A	N/A	N/A	L	М
	A1.4.4.9	QUERY THE RELAYER OF A FLIGHT PLAN	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
	A1.4.4.10	FORWARD FLIGHT PLAN VERBALLY	VC	N/A	N/A	N/A	L	м
	A1.4.4.11	ENTER STEREO FLIGHT PLAN	E	N/A	N/A	CALLSIGN, PLAN DATA, STEREO FLIGHT PLAN	L	L
	A1.4.4.12	ENTER VFR FLIGHT PLAN	E	N/A	N/A	CALLSIGN, PLAN DATA, VFR FLIGHT PLAN	L	L
	A1.4.4.13	REQUEST FLIGHT PLAN READOUT	Ε	N/A	N/A	FLIGHT ID, DATA DESCRIFTION, QUERY DATA BASE FOR SELECTED READOUT	L	L
	A1.4.4.14	ENTER SCRATCH PAD DATA IN FULL DATA BLOCK	E	N/A	N/A	FLIGHT ID, SCRATCH PAD DATA	М	М
	A1.4.5	PROCESSING FLIGHT PLAN AMENDMENTS						
	A1.4.5.1	RECEIVE FLIGHT DATA REVISION	e	FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY	N/A	L	н
	A1.4.5.2	EMPHASIZE FLIGHT DATA ENTRY POSTING FOR REMINDER ACTION	ε	N/A	N/A	FLIGHT ID, FIELD TO BE EMPHASIZED, EMPHASIZED DATA (ENTER), FDF AND DATA FIELD EMPHASIS	L	м
	A1.4.5.3	ENTER FLIGHT PLAN AMENDMENT	E	N/A	N/A	FLIGHT ID, FIELD TO BE MODIFIED, NEW DATA, FLIGHT DATA AMENDMENT	м	н
	A1.4.5.4	ENTER PILOT'S POSITION REPORT IN SYSTEM	E	N/A	N/A	FLIGHT ID, FIX, ACTUAL TIME AT FIX, PILOT ESTIMATE AT FIX, NEXT FIX, PILOT ESTIMATE AT NEXT FIX, ALTITUDE, PROCRESS REPORT	L	M
	A1.4.5.5	DELETE FLIGHT DATA ENTRY EMPHASIS	E	N/A	N/A	FLIGHT ID, FIELD TO BE DEEMPHASIZED, EMPHASIZED DATA (DELETE), FDE AND DATA FIELD EMPHASIS		L
	A1.4.5.6	RESEIVE FLIGHT PLAN AMENDMENT VERBALLY FORWARDED	VC	N/A	N/A	N/A	L	М
	A1.4.5.7	RECEIVE PILOT'S POSITION REPORT	VC	N/A	N/A	N/A	L	н
	L			<u></u>	<u> </u>		<u> </u>	<b>j</b>

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Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
A1,4.5.8	FORWARD FLIGHT PLAN AMENDMENT VERBALLY	VC	N/A	N/A	N/A	L	М
A1.4.5.9	INFORM CONTROLLER UNABLE FLIGHT PLAN AMENDMENT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	١	M
A1.4.5.1Ø	RECEIVE CONTROLLER ADVICE OF UNABLE FLIGHT PLAN AMENDMENT	R/VC	UNABLE FLIGHT PLAN AMENDMENT	TEXTUAL ATC MAIL	N/A	į.	н
A1.4.5.11	RECEIVE REQUESTED FLIGHT PLAN CHANGES	R/VC	REQUESTED FLIGHT PLAN CHANGE	TEXTUAL ATC MAIL	N/A	L	М
A1.4.6	RECEIVING TRANSFER OF CONTROL/ RADAR IDENTIFICATION						
A1,4.6.1	RECEIVE HANDOFF REQUEST	R/VC	HANDOFF STATUS/ INDICATOR	FULL DATA BLOCK	N/A	L	н
A1.4.6.2	DENY HANDOFF	E/VC	N/A	N/A	FLIGHT ID, REJECT INDICATOR, REJECT HANDOFF	L	н
A1.4.6.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	E/R/VC	TARGET POSITION SYMBOL	SITUATION DISPLAY	FLIGHT ID, TRACK ACTION (START), TRACK START POSITION. HEADING, SPEED. ASSIGNED ALTITUDE, TRACK	L	Н
A1.4.6.4	ACCEPT AUTOMATIC HANDOFF	E	N/A	N/A	FLIGHT ID, ACCEPT HANDOFF	н	Н
A1.4.6.5	DETERMINE THAT AIRCRAFT IS ENTERING SECTOR	А	N/A	N/A	N/A	н	н
A1.4.6.6	DETERMINE RESPONSE TO HANUUFF REQUEST	R/A	FULL DATA BLOCK, GEOGRAPHIC MAP DATA, TARGET SYMBOL	SITUATION DISPLAY	N/A	н	н
A1.4.6.7	RECEIVE CONTROL OF AIRCRAFT	R/VC	CONTROL OF AIRCRAFT	TEXTUAL ATC MAIL	N/A	ا ا	н
A1.4.6.8	REQUEST TRANSFER OF CONTROL	E/VC	n/a	N/A	TEXTUAL ATC MAIL	L	н
A1.4.7	INITIATING TRANSFER OF CONTROL/ RADAR IDENTIFICATION						
A1.4.7.1	INITIATE HANDOFF FUNCTION	Ε	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, INITIATE HANDOFF	L	н
A1.4.7.2	OBSERVE AUTOMATIC INITIATION OF HANDOFF	R/A	HANDOFF STATUS/ INDICATOR	FULL DATA BLOCK	N/A	н	н
A1.4.7.3	RETRACT HANDOFF	E/VC	N/A	N/A	FLIGHT ID. RETRACT	L	н
A1.4.7.4	RECEIVE HANDOFF ACCEPTANCE	R/VC	HANDOFF STATUS/ INDICATOR, ACCEPTED	FULI. DATA BLOCK	N/A	н	н
A1.4.7.5	DISCUSS TRANSFER OF CONTROL WITH OTHER CONTROLLER	vc	N/A	N/A	N/A	ι,	Н
A1.4.7.6	INITIATE VERBAL HANDOFF	vc	N/A	N/A	N/A		Н
A1.4.7.7	RECEIVE REQUEST FOR TRANSFER OF CONTROL	R/VC	REQUEST FOR TRANSFER OF CONTROL	TEXTUAL ATC MAIL	N/A	L	Н
A1.4.7.8	DETERMINE THAT AIRCRAFT IS LEAVING SECTOR	R/A	GEOGRAPHIC MAP DATA, TARGET POSITION SYMBOL	STATIC INFORMATION DISPLAY	r:/A	н	н
A1.4./.9	DETECT MANUAL HANDOFF MUDE INDICATION	R	HANDOFF ALERT INDICATION, AUTO HANDOFF INHIBITED	FULL DATA BLOCK	N/A	1.	М
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		1031	Information Requ	21			
Task Number	Task Statement	Tusk Type	Information Received	Information Source	Information Entered	Freq	Crit
A1.4.7.18	REQUEST TRANSFER OF FLIGHT PLAN DATA TO ANOTHER FACILITY	E	N/A	N/A	FLIGHT ID, FACILITY, TRANSFER FLIGHT PLAN	Ĺ	М
A3.4.7.11	INFORM CONTROLLER OF ANY CONDITIONS AFFECTING TRANSFER OF CONTROL	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	н
A1.4,7.12	INFORM CONTROLLER OF RELINGUISHED CONTROL OF AIRCRAFT	E/VC	N/A	N/A	TEXTUAL ATC MAIL	M	н
A1.4.7.13	DETECT HANDOFF ALERT INDICATION	R	HANDOFF ALERT INDICATION, HANDOFF NOT ACCEPTED	FULL DATA BLOCK	N/A	L	н
A1.4.7.14	REDIRECT HANDOFF	E	N/A	N/A	FLIGHT ID. SECTOR/FACILITY. REDIRECT HANDOFF	L	н
A1.4.7.15	RECEIVE HANDOFF REJECTION	R/VC	HANDOFF STATUS/ INDICATOR, REJECTED	FULL DATA BLOCK	N/A	L	E
A1.4.8	ISSUING POINTOUTS						
A1.4.8.1	INITIATE POINTOUT	E/VC	N/A	N/A	N/A	L	н
A1.4.8.3	FORCE FLIGHT DATA ENTRY TO ANOTHER CONTROLLER	Ε	N/A	N/A	FLIGHT ID, SECTOR POSTING NUMBER, SECTOR NUMBER, FDE POINTOUT	L	М
A1.4.9.4	RECEIVE ACCEPTANCE OF POINTOUT	R/VC	POINTOUT INDICATOR, ACCEPT	FULL DATA BLOCK	N/A	м	н
A1.4.8.5	RECEIVE REJECTION OF POINTOUT	R/VC	POINTOUT INDICATOR, REJECT	FULL DATA BLOCK	N/A	L	Н
A1.4.8.7	DISCUSS POINTOUT WITH OTHER CONTROLLER	VC	N/A	N/A	N/A	L	Н
A1.4.9	RESPONDING TO POINTOUTS					İ	1
A1.4.9.1	RECEIVE POINTOUT	R/VC	POINTOUT INDICATOR, INITIATING SECTOR/ POSITION ID	FULL DATA BLOCK	N/A	M	Н
A1.4.9.2	ACCEPT POINTOUT	E/VC	N/A	N/A	FLIGHT ID, POINTOUT ACCEPT	M	Н
A1.4.9.3	DENY POINTOUT	E/VC	N/A	N/A	FLIGHT ID, REJECT INDICATOR, REJECT PUINTOUT		Н
A1.4.9.4	SUPPRESS FULL DATA BLOCK AFTER POINYOUT	E	N/A	N/A	FLIGHT ID, FORCE DATA BLOCK (REMOVE)	L	١
A1.4.9.5	DETERMINE RESPONSE TO POINTOUT	R/A	DATA BLOCK, FLIGHT DATA ENTRY, GEOGRAPHIC MAP DATA	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	L	н
A1.4.10	ISSUING CLEARANCES	1				İ	Ì
A1.4.10.2	APPROVE CLEARANCE REQUEST	E/VC	N/A	N/A	TEXTUAL ATC MAIL	н	н
A1.4.1Ø.3	SUGGEST CLEARANCE ALTERNATIVES TO PILOT	vc	N/A	N/A	N/A	М	M
A1.4.10.4	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	A	N/A	N/A	N/A	Н	H
A1.4.10.5	ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	vc	N/A	N/A	N/A	н	н
A1.4.1Ø.6	ISSUE CLEARANCE THROUGH ATCT/FSS FOR RELAY TO PILOT	E/VC	N/A	N/A	TEXTUAL ATC MAIL		н
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Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Freq	Crit	
A1.4.18.7	VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE	R/A	TARGET POSITION SYMBOL, FULL DATA BLOCK, POSITION HISTORY	SITUATION DISPLAY	N/A	н	Н	
A1.4.10.8	QUERY PILOT REGARDING CONFORMANCE WITH CLEARANCE	vc	N/A	N/A	N/A	L	Я	
A1.4.10.9	DENY CLEARANCE REQUEST	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м	١
A1.4.10.16	SUGGEST ALTERNATIVE TO ULEARANCE REQUEST FROM CONTROLLER	E∕VC	N/A	N/A	TEXTUAL ATC MAIL	L	м	
A1.4.12	MANAGING AUTOMATED HANDOFF FEATURES							
A1.4.12.1	INHIBIT AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK	E	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY, INHIBIT AUTOMATIC HANDOFF	L	L	
A1.4.12.2	RESTORE AUTOMATIC HANDOFF FOR ALL TRACKS UR FOR DESIGNATED TRACK	E	N/A	N/A	FLIGHT ID, SECTOR/ FACILITY. ENABLE AUTOMATIC HANDOFF	L	L	
A1.4.13	ESTABLISHING, MAINTAINING, AND TERMINATING RADIO COMPUNICATIONS							
A1.4.13.1	RECEIVE REQUEST TO CANCEL AIR TRAFFIC SERVICES	VC	N/A	N/A	N/A	L	L	
A1.4.13.2	TERMINATE RADIO COMMUNICATIONS WITH AIRLKAFT	vc	N/A	N/A	N/A	L	L	
A1.4.13.5	RECEIVE ARRIVAL MESSAGE	vc	N/A	N/A	N/A	L	M	
A1.4.13.4	DETERMINE FREQUENCY IN USE BY RECEIVING SECTOR	R/A	RADIO FREQUENCY, COMMUNICATION STATUS, SECTOR FREQUENCY	SYSTEM STATUS DATA DISPLAY, VSCS A/G DISPLAY, STATIC INFORMATION DISPLAY	N/A	L	m	
A1.4.13.5	ISSUE CHANGE OF FREQUENCY TO PILOT	vc.	N/A	N/A	N/A	н	М	
A1.4.13.6	RECEIVE INITIAL RADIO CONTACT FROM PILOT	vc	N/A	N/A	N/A	н	۲	
A1.4.13.7	ISSUE ALTIMETER SCITING	R/VC	BAROMETRIC PRESSURE (DAST)	AIRPURT ENVIRONMENTAL DATA DISPLAY	N/A	н	M	
A1.4.13.8	VERIFY A'KURAFT ALTITUDE	R/A/VC	FULL DATA BLÜCK, FLIGHT DATA ENTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	N/A	н	н	
A1.4.14	ESTABLISHING/ REESTABLISHING RADAR IDENTIFICATION							
A1.4.14.1	OBSERVE TARGÉT ENTERING RADAR COVERAGE	R/A	TARGET SYMBOL, FULL DATA BLOCK, LIMITED DATA BLOCK	SITUATION DISPLAY	N/A	н	M	
A1.4.14.2	INFORM PILOT THAT RADAR CONTACT IS ESTABLISHED	vc	N/A	N/A	N/A	н	М	
A1.4.14.3	COMPLET RADAR IL TIFICATION PROCEDURES	R/VC	TARGET POSITION SYMBOL, BACKGROUND DESCRIPTOR, DATA BLOCK	SITUATION DISPLAY	N/4	M	н	
A1.5	ASSESS WEATHER IMPACT				<b>!</b>			
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Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
A1.5.1	RESPONDING TO SIGNIFICANT WEATHER INFORMATION						
A1.5.1.3	RECEIVE WEATHER BRIEFING FRUM METEOROLOGIST	R/VC	WEATHER BRIEFING	TEXTUAL ATC MAIL	N/A	L	н
A1.5.1.5	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY	A	N/A	N/A	N/A	L	м
A1.5.1.9	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILOT/ ANOTHER CONTROLLER	E/VC	N/A	N/A	TEXTUAL ATC MAIL	(.	н
A1.5.1.10	INFORM SUPERVISOR/ TMC OF WEATHER IMPACT ON ROUTES/ FLOW	E∕VC	N/A	N/A	TEXTUAL ATC MAIL	ι.	н
A1.5.1.12	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR/ METEOROLOGIST	R/VC	WEATHER ADVISORY	TEXTUAL ATC MAIL	N/A		н
A1.5.1.13	RECEIVE CONTROLLER REQUEST FOR WEATHER INFORMATION	R/VC	REQUEST WEATHER INFORMATION	TEXTUAL ATC MAIL	N/A	L	М
A1.5.1.14	FORWARD WEATHER INFORMATION TO SUPERVISOR/ METEOROLOGIST	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	м
A1.5.1.16	BROADCAST RECORDED WEATHER INFORMATION	vc	N/A	N/A	N/A	L	м
A1.5.1.16	REQUEST SUPERVISOR/ TMC TO RELEASE AIRSPACE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	L
A1.5.1.22	ENTER AIRPORT ENVIRONMENTAL DATA INTO SYSTEM	Ε	N/A	N/A	AIRPORT ID, AIRPORT ENVIRONMENTAL DATA		M
A1.5.1.75	OBSERVE DISPLYY OF WEATHER LINE/ INTENSITY/	R/A	WEATHER DESCRIPTOR	SITUATION DISPLAY	N/A	L	Н
A1.5.1.76	DETERMINE WEATHER IMPACT ON ROUTES/ FLOW	A	N/A	N/A	N/A	Ĺ	н
A1.5.1.77	DETERMINE ALTITUDE/ROUTS CHANGE TO BYPASS SEVERE WEATHER	A	N/A	N/A	N/A	L	н
A1.5.1.78	EVALUATE IMPACT OF NEW ARM CONCITION	R/A	A&M DATA	AIRPORT ENVIRONMENTAL DATA DISPLAY, ATC MAIL	N/A	l.	M
A1.5.1.79	RECEIVE PIREP ON WEATHER	VC	N/A	N/A	N/A	L	м
A1.5.1.80	RECEIVE NEW ROUTING FOR WEATHER AVOIDANCE FROM SUPERVISOR/ TMC	R∕VC	USAGE OF ADAPTED ROUTFS, FLIGHT DATA ENTRY	SYSTEM STATUS DATA DISPLAY, FLIGHT DATA DISPLAY, TEXTUAL ATC MAIL	N/A	L	Н
A1.5.1.81	FORWARD URGENT PIREP 10 OTHER CONTROLLER	vc	N/A	N/A	N/A	L	н
A1.5.1.82	RECORD PIREP NOTE	E	N/A	N/A	PIREP	L	м
A1.5.1.83	REQUEST WEATHER INFOR: ATION	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
A1.J.2	PROCESSING WEATHER REPORTS						
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_			IUSK	Information Requ	Trements			
	Task Number	Task Statement	lask Type	Information Received	Information Source	Information Entered	Freq	Crit
	A1.5.2.1	RECEIVE AIRPORT SPECIFIC NOTAM	R/VC	CURRENT NOTAM, AIRPORT	AIRPORT ENVIRONMENTAL DATA DISPLAY, YEXTUAL ATC MAIL	N/A	L	L
	A1.5.2.2	RECEIVE WEATHER REPORT UPDATE (E.G., HOURLY SURFACE OBSERVATION)	R/VC	WEATHER REPORT, RECORDED WEATHER	TEXTUAL ATC MAIL	N/A	L	M
	A1.5.2.4	DETERMINE WHETHER RUNWAY CONDITIONS HAVE CHANGED	R/A	RUNUJAY ALERT DATA	AIRPORT ENVIRONMENTAL DATA DISPLAY, AIRPORT INFORMATION	N/A	М	н
	A1.5.2.5	DETERMINE WHETHER CONTROL ZONE IS IFR/VFR	R/A	VISIBILITY, CEILING HEIGHT	AIRPORT ENVIRONMENTAL DATA DISPLAY	N/A	L	н
	A1.5.2.6	REVIEW ATIS VOICE RECORDING	VC/A	N/A	N/A	N/A	м	L
	A1.5.2.7	FORWARD RUNIVAY USE DATA	E/VÇ	N/A	N/A	TEXTUAL ATC MAIL	L	М
	A1.5.2.9	RECEIVE RUNHAY USE DATA	R/VC	RUNHAY CONFIGURATION, RUNHAY VISUAL RANGE DATA	AIRPCRT ENVIRONMENTAL DATA DISPLAY, TEXTUAL ATC MAIL	N/A	L	н
	A1.5.2.1Ø	DETECT AIRPURT ENVIRONMENTAL DATA ALERT	R	AIRPORT ENVIRONMENTAL ALERT	AIRPORT ENVIRUNMENTAL DATA DISPLAY	N/A	L	M
	A1.5.2.11	DETERMINE FAULTY AIRPORT ENVIRONMENTAL SENSOR	R/A	CENTER FIELD WIND DIRECTION/ SPEED/ GUST SPEED, RVR DATA, LOW LEVEL WIND SHEAR ALERT SYSTEM DATA, VORTEX ADVISORY DATA	AIRPORT ENVIRONMENTAL DATA DISPLAY	N/A	L	M
	A1.5.2.12	ENTER AIRPORT ENVIRONMENTAL SENSOR DATA OVERRIDE	E	N/A	N/A	SENSOR ID, FALLBACK VALUE, INHIBIT/ PERMIT DATA, SENSOR OVERRIDE	l	F
	A1.5.2.13	RECEIVE NOTICE OF FAULTY AIRPORT ENVIRONMENTAL SENSOR	R/VC	FAULTY SENSOR, ATC AIRPORT EQUIPMENT ALERT	SYSTEM STATUS DATA DISPLAY, TEXTUAL ATC MAIL	N/A	L	M
	A1.5.2.76	RECEIVE GENERAL NATURE NOTAM	R	NOTAM	TEXTUAL ATC MAIL	N/A	L	L
	A1.5.2.77	ACKNOWLEDGE AIRPORT ENVIRONMENTAL DATA ALERT	E	N/A	N/A	ACKNOWLEDGE AIRPORT ENVIRONMENTAL DATA ALERT	L	_
	A1.5.2.78	REVIEW DISPLAYED WEATHER INFORMATION	E/R/A	WEATHER DISCRIPTOR, TEXTUAL WEATHER DATA	SITUATION DISPLAY, AIRPORT ENVIRONMENTAL DATA DISPLAY, TEXTUAL ATC MAIL	N/A	Н	M
	A1.6	MANAGE SECTOR/POSITION RESCURCES						
	A1.6.1	BRIEFING RELIEVING CONTROLLERS						
	A1.6.1.1	BRIEF RELIEVING CONTROLLER	E/R/VC	POSITION CHECKLIST	STATIC INFORMATION DISPLAY	STATIC INFORMATION ITEM ID, DISPLAY STATIC INFORMATION	L	Н
	A1.6.1.2	SIGN OFF AT CONSOLE	Ε	N/A	N/A	USER ID. OPERATIONAL RESPONSIBILITY DESIGNATOR, SIGN OFF	L	
	A1.6.1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT	R/A	POSITION CHECKLIST	STATIC INFORMATION DISPLAY	N/A	L	н
	A1.6.2	ASSUMING POSITION RESPONSIBILITY						

		105%	Information Requ	irements			
Task Number	Task Statement	Task T,pe	Information Received	Information Source	Information Entered	Freq	Crit
A1.6.2.1	REVIEW SYSTEM STATUS TO DETERMINE CURKENCY/ UPCATE SELF	R/A	SYSTEM STATUS, POSITION CHECKLIST	SYSTEM STATUS DATA DISPLAY, SPECIAL LISTS, STATIC INFORMATION DISPLAY	N/A	L	M
A1.6.2.3	VERIFY THAT ALL REQUIRED PARAMETERS ARE IN PROPER LOCATION	R/A	PARAMETER SETTINGS	LOGICAL DISPLAYS, PHYSICAL CONSOLE SETTINGS	N/A	Ļ	М
A1.6.2.4	SIGN ON AT DESIGNATED CONSOLE	E	N/A	N/A	USER ID, CPERATIONAL RESPONSIBILITY DESIGNATOR, DISPLAY PREFERENCE SET IDENTIFIER, SIGN ON	Ł	L
A1.6.2.5	ADJUST WORKSTATION TO PERSONAL PREFERENCE	ε	N/A	N/A	MODIFY DISPLAY PREFERENCE SET	L	L
A1.6.2.6	CHECK WORKSTATION FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS	R/A	DISPLAY CONFIGURATION, USABILITY, STATUS	LOGICAL DISPLAYS	N/A	М	М
A1.6.2.7	SET UP WORKSTATION ADAPTATION PARAMETERS	E	N/A	N/A	CONSOLE CONFIGURATION EDIT	L	L
A1.6.2.8	REVIEW BRIEFING CHECKLIST/ NOTES TO ASSURE COMPLETENESS OF BRIEFING COVERAGE	E/R/A/VC	POSITION CHECKLIST, FREE-FORM TEXT ITEM	STATIC INFORMATION DISPLAY, CONTRULLER NOTEPAD DISPLAY	STATIC INFORMATION ITEM ID. DISPLAY STATIC INFORMATION	L.	м
A1.6.2.9	REQUEST IMPLEMENTATION OF PROGRAMMED PERSONAL PREFERENCE ADJUSTMENTS	Ε	N/A	N/A	DISP PREF ID, LOGICAL DISP ID, CURRENT DISP SELECTIONS, INVOKE, LOGICAL DISP VIEWPORT LOCATION, POPTION OF PREF SET, DISP/ INVOKE PREF SET		L
A1.6.2.10	DETERMINE IF READY TO ACCEPT CONTROL RESPONSIBILITY	A	N/A	N/A	N/A	L	н
A1,6.2.75	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	R/A	TRAFFIC. FLIGHT DATA, WEATHER, TRAFFIC MANAGEMENT INFORMATION	ALL LOGICAL DISPLAYS	N/A	м	н
A1.6.3	RESPONDING TO TRANSIENT COMPUTER FAILURES				<u> </u>		
A1.6.3.1	DETECT NON-ACCEPTANCE OF INPUT DATA	R/A	OPERATIONAL FUNCTION DEGRADATION/ FAILURE, DATA REJECT MESSAGE	ALL LOGICAL DISPLAYS ON WHICH DATA CAN BE INPUY, COMPUTER OUTAGE	N/A	Ĺ	i ii
A1.6.3.2	INFORM SUPERVISOR OF TRANSIENT EQUIPMENT FAILURE	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	М
A1.6.4	EXECUTING BACKUP PROCEDURES FOR SECTOR SUITE FAILURES						
A1.6.4.1	DETECT OCCUPRENCE OF SECTOR SUITE FAILURE	R/A	SECIOR SUITE MALFUNCTION, COMPUTER OUTAGE	SYSTEM STATUS DATA DISPLAY, ALL OTHER LOGICAL DISPLAYS	N/A	L	Н
A1.6.4.2	OBSERVE SECTOR SUITE DATA BASE RESTORATION COMPLETION MESSAGE	R	COMPUTER OUTAGE, SECTOR SUITE OPERATION	SYSTEM STATUS DATA DISPLAY, FLIGHT DATA DISPLAY, SITUATION DISPLAY	N/A	<u> </u>	н
A1.G.4.3	FORWARD NOTICE OF EQUIPMENT STATUS	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	Н
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Task Information Requirements Information Task Crit Type Information Received Source Information Entered Freq Task Number Tosk Stotement R/VC RECEIVE STATUS OF SECTOR STATUS OF SECTOR SUITE TEXTUAL ATC MAIL N/A L н A1.6.4.4 SULTE FAILURE FROM CAILURE CONTROLLER / SUPERVISOR REQUEST ASSIGNMENT OF REQUEST SPECIFIED E N/A N/A ŧ. A1.6.4 LOGICAL DISPLAY TO ONE DISPLAY DATA BE PHYSICAL DISPLAY PRESENTED ON AND CONTROLLED AT A SPECIFIC COMMON CONSOLE EXECUTING BACKUP r .6.5 PROCEDURES FOR TAAS FAILURES VERIFY COMPUTER ACTION N/A N/A L Н E/R/VC N/A A1.6.5.4 DURING TRANSITION STAGES N/A н RECEIVE CONFIRMATION OF L A1.6.5.6 VC: N/A N/A COMPUTER ACTION DURING TRANSITION STAGES DETECT OCCURRENCE OF TAAS FAILURE, COMPUTER SYSTEM STATUS N/A Ļ Н R/A A1.6.5.75 DATA DISPLAY, ALL TAAS FAILURE OUTAGE OTHER LOGICAL DISPLAYS REVERT TO TAKE BACKUP TBD 180 TBD TBD L Н A1.6.5.76 PROCEDURES (TBD) REVERT TO TAKE EMERGENCY TBD 1.80 TRD L H A1.6.5.77 TAB MODE PROCEDURES (TBD) REVERT TO TAKE REDUCED TBD TRD TBO TBD L н A1.6.5.78 CAPABILITY MODE PROCEDURES (TBD) A1.6.6 EXECUTING BACKUP NAVAID PROCECURES FLIGHT DATA ENTRY M A1.6.6.1 DETERMINE AIRCRAFT R/A CALLSIGN, ROUTE N/A L NEEDING SUBSTITUTE INFORMATION ROUTING R/VC REVIEW STATUS OF NAVAID OUTAGE, NAVAID SYSTEM STATUS N/A L A1.8.6.2 DATA DISPLAY REPAIR SCHEDULE QUESTIONABLE NAVAID A1.6.6.3 OBSERVE SUBSTITUTE SUBSTITUTE ROUTING, STATIC N/A ROUTING ON DISPLAY USAGE OF ADAPTED INFORMATION ROUTES DISPLAY SYSTEM STATUS DATA DISPLAY RECEIVE NOTICE OF NAVAID R/VC NAVAID STATUS TEXTUAL ATC MAIL N/A L M A1.6.6.4 STATUS TEXTUAL ATC MAIL RECEIVE SUBSTITUTE SUBSTITUTE ROUTING Ł М A1.6.6.5 R/VC N/A ROUTING RECEIVE CANCELLATION OF R/VC CANCEL SUBSTITUTE TEXTUAL ATC MAIL 41.6.6.6 SUBSTITUTE ROUTING **ROUTING** TEXTUAL ATC MAIL M FORWARD NAVAID STATUS TO N/A ί E/VC N/A A1.6.6.7 ANJTHER CONTROLLER/ SUPERVISOR/ PILOT FORWARD SUBSTITUTE E/VC N/A N/A TEXTUAL ATC MAIL L н A1.6.6.8 ROUT ING DELETE PREVIOUS TEXTUAL ATC MAIL 1 М A1.6.6.9 E/VC N/A N/A SUBSTITUTE ROUTING DISCUSS APPROPRIATENESS A/VC N/A N/A N/A L A1.6.6.10 WITH SUPERVISOR OF RELEASING EQUIPMENT TO MA INTENANCE A1.6.6.11 REVIEW NEED/ A/VC N/A N/A N/A L L CANCELLATION OF SUBSTITUTE ROUTING WITH SUPERVISOR

Task Information Requirements							
Task Number	Task Statement	Task Type	Information Received	Information Scurce	Information Entered	Freq	Crit
A1.6.6.12	RECEIVE SUPERVISOR NOTICE OF EGUIPMENT PELEASED TO MAINTENANCE	R/VC	EQUIPMENT RELEASED TO MAINTENANCE	TEXTUAL ATC MAIL	N/A	L	M
A1.6.7	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES						
A1.6.7.1	DETECT COMMUNICATION FAILURE	VC/A	N/A	N/A	N/A	L	н
A1.6.7.2	FORWARD ALTERNATE COMMUNICATION PATH	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	н
A1.6.7.3	RECEIVE NEW FREQUENCY ASSIGNMENT	R/VC	NEW FREQUENCY	TEXTUAL ATC MAIL	N/A	۱.	н
A1.6.7.4	FORWARD NOTICE OF COMMUNICATION STATUS	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L.	м
A1.6.7.5	FORWARD NEW FREQUENCY ASSIGNMENT TO ANOTHER CONTROLLER/SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L.	н
A1.6.7.6	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH	ƙ/VC	ALTERNATE COMMUNICATION PATH	TEXTUAL ATC MAIL	N/A	i	н
A1.6.8	HANAGING PERSONAL WORKLOAD						
A1.6.8.1	DETERMINE IMPENDING CONTROLLER GVERLOAD	A	N/A	N/A	N/A	L	н
A1.6.8.3	REQUEST ASSISTANCE OR RELIEF	E/VC	N/A	N/A	TEXTUAL ATC MAIL	L	н
A1.G.0.4	REQUEST FLOW CONTROL BE IMPOSED	E/VC	N/A	N/A	TEXTUAL ATC MAIL	l.	н
Λ1.6.9	PERFORMING PROCEDURES FOR NON-RADAR ENVIRONMENT						
A1.6.9.1	INFORM PILOT OF RADAR CONTACT LOST	VC	N/A	N/A	N/A	L	м
A1.6.9.2	REASSOCIATE DATA BLOCK	E	N/A	N/A	FLIGHY ID, NEW COORDINATE POSITION, TRACK REPOSITION	L	м
A1.6.9.3	OBSERVE DATA BLOCK NOT ASSOCIATED WITH TARGET	R	DATA BLUCK, TARGET POSITION SYMBOL	SITUATION DISPLAY	N/A	L	м
A1.6.9.4	TERMINATE RADAR SERVICE TO AIRCRAFT	vc	N/A	N/A	N/A	L	11
A1.6,9,5	INITIATE USE OF NON-RADAR SEPARATION STANDARDS	R/A	FULL DATA BLOCK, TARGET POSITION SYMBOL, FLIGHT DATA ENTRY	FLIGHT DATA DISPLAY, SITUATION DISPLAY	N/A	L	н
A1.6.9.7	INITIATE USE OF RADAR SEPARATION STANDARDS	R/A	FULL DATA BLOCK, TARGET POSITION SYMBOL	SITUATION DISPLAY	N/A	Ł	M
41.6.9.8	REQUEST PILOT POSITION REPORTS	VC	N/A	N/A	N/A	۱,	В
A1.6.9.9	OBSERVE RETURN OF NORMAL RADAR ENVIRONMENT	R/A	FULL DATA BLOCK, TARGET POSITION SYMBOL	SITUATION DISPLAY	N/A	١	н
A1.6.S.10	OBSERVE AIRCRAFT TRACK IN SOAST MODE	Ŕ	COAST INDICATOR, TRACK STATUS	TRACK POSITION SYMBOL, FULL DATA BLOCK	N/A	L	н
A1.6.9.75	REQUEST READOUT OF ASSIGNED/ REPORTED BEACON CODE	E/R/A	ASSIONED/ REPORTED BEACON CODE	SYSTEM MESSAGE READOUT	QUERY DATA BASE FOR SELECTED READOUT (BEACON CODE)	L	М
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Task Information Requirements							
Task Number	Task Statement	Tosk Type	Information Received	Information Source	Information Entered	Freq	Crit
A1.6.1Ø	EXECUTING BACKUP PROCEDURES FOR LOSS OF FLIGHT PLAN DATA BASE						
A1.6.1Ø.1	OBSERVE MESSAGE ON LOSS OF FLIGHT PLAN DATA BASE	R	OPERATIONAL FUNCTION DEGRADATION/ FAILURE, COMPUTER OUTAGE	SYSTEM STATUS DATA DISPLAY	N/A	L	н
A1.6.10.2	DETECT FAILURE TO UPDATE FLIGHT PLAN DATA BASE	R/A	FLIGHT PLAN DATA BASE NOT UPDATING	FLIGHT DATA DISPLAY	N/A	L	н
A1.6.1Ø.3	ENTER DISPLAY AMENDMENT MESSAGE ON CONSOLE	E	N/A	N/A	FLIGHT ID, FIELD TO BE MODIFIED, NEW DATA, FLIGHT DATA AMENOMENT	L	н
A1.6.10.4	ENTER FLIGHT PLAN ON CONSOLE	E	N/A	N/A	CALLSIGN, FLAN DATA, FLIGHT PLAN	L	н
A1.6.1Ø.5	VERIFY FLIGHT FLAN DATA BASE TRANSITION ACTIVITIES	E/R/VC	FLIGHT DATA ENTRY, FULL DATA BLOCK, TRANSITION VERIFICATION	FLIGHT DATA DISPLAY, SITUATION DISPLAY, TEXTUAL ATC MAIL	TEXTUAL AYC MAIL	L	м
A1.6.11	RESPONDING TO TRANSIENT VSCS FAILURES						
A1.6.11.1	DETECT UNRELIABLE VSCS COMMUNICATION	A./VC	UNRELIABLE VSCS COMMUNICATION	DIRECT OBSERVATION	N/A	L	Н
A1.6.11.2	QUERY WHETHER OTHERS ARE RECEIVING AN AIRCRAFT'S TKANSMISSIONS	E/VC	N/A	N/A	TEXTUAL ATC MAIL	Ĺ	н
A1.6.11.3	ISSUE ALTERNATE COMMUNICATION FOR AIR/GROUND TRANSMISSION	vc	N/A	N/A	N/A	L	Н
A1.6.11.4	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	R/vč	TRANSIENT COMMUNICATION FAILURE	TEXTUAL ATU MAIL	M/A	l	m
A1.6.12	RESPONDING TO AIRSPACE RECONFIGURATIONS/ RESECTORIZATIONS						
A1.6.12.1	RECEIVE NOTICE TO TAKE OVER AIRSPACE	R/VC	TAKE OVER AIRSPACE	TEXTUAL ATC MAIL	N/A	L	К
A1.6.12.2	RECEIVE NOTICE TO PREPARE FOR SECTOR RECONFIGURATION	R/VC	FLIGHT DATA ENTRY, RESECTORIZATION SUPPORT FOE INDICATION, NOTICE TO PREPARE FOR RECONFIGURATION	FLIGHT DATA DISPLAY, TEXTUAL ATC MAIL	N/A	L	Н
A1.6.12.3	RECEIVE NOTICE TO RELEASE AIRSPACE	R/VC	RELEASE AIRSPACE	TEXTUAL ATO MAIL	N/A	L	Н
A1.6.12.4	RECEIVE NOTICE THAT ADJACENT FACILITY IS OPERATIVE	R/VC	ADJACENT FACILITY OPERATIVE	TEXTUAL ATC MAIL	N/A	L	Н
A1.6.12.5	RECEIVE NOTICE THAT ADJACENT FACILITY IS INOPERATIVE	R/VC	ADJACENT FACILITY INOPERATIVE	TEXTUAL ATC MAIL	N/A	L	łt.
A1.6.12.6	ENTER RECONFIGURATION/ RESECTORIZATION ACCEPTANCE	E	N/A	N/A	ACCEPT RESECTORIZATION	L	M
A1.6.13	RESPONDING TO SENSOR OUTAGES						
AT.6.13.1	RECEIVE NOTICE OF RADAR SENSOR STATUS	R/VC	RADAR EQUIPMENT OUTAGE	TEXTUAL ATC MAIL	N/A	L	Н
A1.6.15.2	RECEIVE PROCEDURES TO BE USED TO ACCOMMODATE SENSOR OUTAGE	R/VC	SENSOR OUTAGE PROCEDURES	TEXTUAL ATC MAIL	N/A		M
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Task Information Requirements							
Task Number	Task Statement	Task Type	Information Received	Information Source	Information Entered	Freq	Crit
, A1.6.13.3	PERCEIVE TRACKING OR TRANSHONDER FAILURE	R/A	TRACK SWAP, FALSE RETURN, TRACK DISASSOCIATION, COAST INDICATOR, TRANSPONDER FAILURE NOTIC:	SITUATION DISPLAY, FULL DATA BLOCK, POSITION SYMBOL	N/A	L	н
A1.6.13.4	FORWARD NOTICE OF RADAR SENSOR STATUS TO ANOTHER CONTROLLER/ SUPERVISOR	E/VC	N/A	N/A	TEXTUAL ATC MAIL		M

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## COGNITIVE/SENSORY ATTRIBUTES

This section provides a characterization of Extreme and High criticality tasks in terms of key cognitive and sensory human attributes involved in the performance of the tasks. These are the human abilities required to perform a task.

Fourteen cognitive and sensory attributes are relevant to the tasks inherent in Air Traffic Control. Definitions of each attribute and ATC examples of each attribute are provided in Section 3.4.2 (Table 3.4-1) of Volume I. The 14 attributes are grouped by type of task, as previously identified in the Task Information Requirements table of this appendix:

Associated With ENTRY (E) Tasks

Coding

Associated With RECEIPT (R) Tasks

Movement Detection Spatial Scanning Filtering Image/Pattern Recognition Decoding

Associated With ANALYTICAL (A) Tasks

Visualization
Short-Term Memory
Long-Term Memory
Deductive Reasoning
Inductive Reasoning
Mathematical/Probabilistic Reasoning
Prioritizing

Associated With VERBAL COORDINATION (VC) Tasks

Verbal Filtering

Analytical attributes predominate as key requirements of critical controller tasks, along with message filtering and decoding. The frequency of attribute association with the 157 critical tasks is as follows:

1	Coding	31 Tasks
	Movement Detection	10 Tasks
	Spatial Scanning	22 Tasks
1	Filtering	38 Tasks
•	Image/Pattern Recognition	17 Tasks
1	Decoding	55 Tasks

Visualization Short-Term Memory	37 Tasks 31 Tasks	Į
Long-Term Memory Deductive Reasoning Inductive Reasoning	9 Tasks 40 Tasks 23 Tasks	I
Mathematical/Probabilistic Reasoning Prioritizing	31 Tasks 17 Tasks	
Verbal Filtering	43 Tasks	

Task Number	Task Statement	Attributes > 0:0:											
		Coding	Movement Detectr Spatial Scanning Filtering I/P Recognition Decoding	Visualization Shrt Term Memory Long Term Memory Deduct Reasoning Induct Reasoning M/P Reasoning Prioritizing									
A1.1.7.1 A1.1.1.2 A1.1.1.4 A1.1.1.7	REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/OR FUTURE AIRCRAFT SEPARATION  REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF AIRCRAFT SEPARATION STANDARDS  PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ALTITUDE/PATH  DETERMINE WHETHER AIRCRAFT MAY BE SEPARATED BY LESS THAN PRESCRIBED MINIMA  REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF AIRSPACE SEPARATION STANDARDS		S O M S F	VS IM VS I									
A1.1,1.15  A1.1,1.17  A1.1,1.75  A1.1,4.2  A1.1,4.3  A1.1,4.4  A1.2,1.1  A1.2,1.2	DETERMINE WHETHER AIRSPACE SEPARATION STANDARDS MAY BE VIOLATED  DETERMINE WHETHER FLOW RESTRICTIONS MAY BE VIOLATED  REVIEW DISPLAYS FOR POTENTIAL VIOLATION OF FLOW PESTRICTIONS  INITIATE TRACK MANUALLY  OBSERVE AUTOMATIC TRACK START  RECEIVE DEPARTURE/ EN ROUTE TIME NOTICE  DETECT AIRCRAFT CONFLICT ALERT INDICATION  DETERMINE VALIDITY OF POTENTIAL AIRCRAFT CONFLICT NOTICE OR INDICATION  RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRCRAFT	C	S F D S C S D F D	D M VS D F									
A1.2.1.4  A1.2.1.7  A1.2.1.8  A1.2.1.9  A1.2.2.1  A1.2.2.5  A1.2.2.6  A1.2.2.6	CONFLICT IN SECTOR  INFO M CONTROLLER OF POTENTIAL AIRCRAFT CONFLICT IN HIS SECTOR  REVIEW POTENTIAL CONFLICT SITUATION FOR RESOLUTION  DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT CONFLICT SITUATION  PERCEIVE POTENTIAL AIRCRAFT CONFLICT SITUATION  DETECT MSAW INDICATION OR ALARM  RECEIVE CONTROLLER NOTICE OF POTENTIAL MSAW IN SECTOR  INFORM CONTROLLER OF POTENTIAL MSAW IN HIS SECTOR  PERCEIVE POTENTIAL LOW ALTITUDE SITUATION  UETERMINE VALIDITY OF MSAW NOTICE OR INDICATION		S F I D D D S I D S I D S I D D D D D D D D	V S I M P V S I M P F V S D M P									
A1.2.3.1 A1.2.3.2 A1.2.3.7 A1.2.3.8	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION  INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR  RECLIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR  PERCEIVE POTENTIAL AIRSPACE CONFLICT SITUATION  DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE CONFLICT SITUATION		M/S/F/I	V S D M V D MP									

Critical Task Cognitive/Sensory Attributes

A1.2.1.75  DETERMINE VALIDITY OF AIRSPACE CONFLICT NOTICE  A1.2.4.1 GRIERAL STATE AND AIRSPACE CONFLICT NOTICE  A1.2.4.1 GRIERAL STATE AND AIRSPACE CONFLICT NOTICE  A1.2.4.3 DETERMINE VALIDITY OF AIRSPACE CONFLICT NAV INTERFER AITH AIRSPACE FLIGHT  A1.2.4.4 GRIERAL STATE AND AIRSPACE CONFLICT NAV INTERFER AITH AIRSPACE SERVING AIRSPACE AIRSPAC	Task Number	Critical Task Cognitive Task Statement			 		Attri	butes							 ]
A1.2.4.1 DESERVE DISPLAY FOR FIVED COSTRUCTIONS THAT MAY INTERESE WITH AIRCRAFT FLIGHT  A1.2.4.5 DETECT AIRCRAFT FALSH THE SEPONSE TO ADVISORY/ ALERT COMPANY ALERT COMPANY ALERT CONTRACTOR PROMULET AUXISORY IN RESPONSE TO ADVISORY/ M F D V S II M P AIRCRAFT PAMENTAGE TO RESPONSE TO ADVISORY/ M F D V S II M P AIRCRAFT PAMENTAGE TO MINIMAL ALITHOGE THAT IT OF THAT ICL PROMUNTY  A1.2.4.7 ISSUE SAFETY ALERT IN REGARD TO A INDI-CONTROLLED CRUECT THAT ISSUE SAFETY ALERT IN REGARD TO MINIMAL ALITHOGE CONSERVED ADVISORY WITE PRESENTED TO MINIMAL ALITHOGE CONSERVED THAT MAY INTERPREE WITH AIRCRAFT FLIGHT CLEARANCE AIRCRAFT OF THAT MAY INTERPREE WITH AIRCRAFT FLIGHT AIRCRAFT FLIGHT AIRCRAFT FLIGHT AIR MAY INTERPREE WITH AIRCRAFT FLIGHT AIRCRAFT AIRCRAFT ALITHOGE CONCOMPORMANCE INDICATION FOR ALIENT ARCHIT ARCHIT APPROACH FLOW TO AIRCRAFT ALITHOGE CONCOMPORMANCE INDICATION FOR ACTION MELGED AIRCRAFT ALITHOGE CONCOMPORMANCE INDICATION FOR ACTION MELGED AIRCRAFT ALITHOGE CONCOMPORMANCE INDICATION FOR ACTION MELGED AIRCRAFT AIRCRAFT AIRCRAFT AIRCRAFT AIRCRAFT AIRCRAFT AIRCRAFT AIRCRAFT MOUR C ALITHOGE CONTINUENCY OF AIRCRAFT			Coding	 	Movement Detection Spatial Scanning	ing sognitien	<u>5</u> .	Visualization	Term Memory		M/P Reasoning	E31+ex164	fire time		
A1.4.2.8 CONDUCT SEARCH FOR AIRCRAFT WITHOUT RADIO CONTACT C	A1.2.4.1  A1.2.4.3  A1.2.4.4  A1.2.4.5  A1.2.4.12  A1.2.4.13  A1.2.4.14  A1.2.5.75  A1.3.2.12  A1.3.2.75  A1.3.4.5  A1.3.5.3  A1.4.1.6  A1.4.1.15  A1.4.1.16  A1.4.1.75  A1.4.2.1  A1.4.2.2  A1.4.2.3  A1.4.2.6	DESERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT  FORMULATE ADVISORY/ SAFETY ALERT CONTENT  DETECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISORY/ ALERT  ISSUE TRAFFIC ADVISORY/ SAFETY ALERT IN REGARD TO TRAFFIC PROXIMITY  ISSUE ADVISORY IN REGARD TO A NON-CONTROLLED OBJECT ISSUE SAFETY ALERT IN REGARD TO MINIMUM ALTITUDE  OBSERVE DISPLAY FOR NON-CONTROLLED AIRBORNE OBJECTS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT  DETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE  DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN ALERT  EVALUATE ALTITUDE NONCONFORMANCE INDICATION FOR ACTION NEEDED  DETECT ALTITUDE NONCONFORMANCE INDICATION  PROJECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY APPROACH FLOH TO AIRPORT OR SECTOR  PROJECT MENIALLY THE RANGE/ BEARING BETWEEN AIRCRAFT VALIDATE MODE C ALTITUDE  RECEIVE NOTICE OF MISSED APPROACH  RECEIVE OF TRANCE APPROVAL/ CLEARANCE RESTRICTIONS FROM ANOTHER CONTROLLER  DETERMINE PRIORITY OF CONTROL ACTIONS  PERCEIVE NEED FOR AMENDED CLEARANCE  FORMULATE CONTROLLER PLAN OF ACTION FOR CLEARANCE  GENERATION  DETERMINE APPROPRIATE MENTAL PLAN FOR AIRCRAFT CLEARANCE  DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN  RECEIVE NOTICE OF PILOT OR AIRCRAFT HAVING A PROBLEM (E.G., OVERDUE, LOSS OF RADIO CONTACT)  ISSUE INSTRUCTIONS TO PILOT (NORDO) FOR IDENTIFICATION TORN AIRCRAFT HAVING A PROBLEM (E.G., OVERDUE, LOSS OF RADIO CONTACT)  PERCECT A PILOT OR AIRCRAFT PROBLEM (E.G., HYPOXIA, EXCEPTION BEACON CODE)  FORWARD CONTINGENCY INFORMATION TO SUPERVISOR/ ANOTHER CONTROLLER  INFORM DESIGNATED PEPSONNEL OF AIRCRAFT HAVING FLIGHT PROBLEMS	C		M	F F F F F F F F F F F F F F F F F F F	D D D D D D			D D D D	M M M M M M M M M	P P P P P	F		

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Task Number	Task Statement	Attributes										
			Movement Detectn Spatial Scanning Filtering I/P Recognition J/P Recognition Decoding Visualization Shrt Term Memory Long Term Memory Long Term Memory Deduct Reasoning Prioritizing Filtering									
<del></del>									$\prod$			
A1.4.2.9	OBSERVE AIRCRAFT TURN/ TRANSPONDER RESPONSE FOLLOWING IDENTIFICATION REQUEST			M	D		s					
A1.4.2.10	CONDUCT RADIO/ RADAR SEARCH FOR OVERDUE AIRCRAFT			MS	FI	V	l l	M	F			
A1.4.2.11	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED				F				F			
A1,4.2.12	RECEIVE SUPERVISOR NOTICE TO CONDUCT COMMUNICATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT								F			
A1,4.2.14	RECEIVE PILOT NOTICE OF EMERGENCY DECLARED				FD				F			
A1.4.3.1	PERCEIVE PRESENCE OF SPECIAL OPERATION				I D			ו				
A1.4.5.1	RECEIVE FLIGHT DATA REVISION				0							
A1.4.5.3	ENTER FLIGHT PLAN AMENDMENT	С										
A1.4.5.7	RECEIVE PILOT'S POSITION REPORT								F			
A1.4.5.18	RECEIVE CONTRULLER ADVICE OF UNABLE FLIGHT PLAN AMENDMENT								F			
A1.4.6.1	RECEIVE HANDOFF REQUEST				F D				F			
A1.4.6.2	DENY HANDOFF	C										
A1.4.6.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	c										
A1.4.6.4	ACCEPT AUTOMATIC HANDOFF	С										
A1.4.6.5	DETERMINE THAT AIRCRAFT IS ENTERING SECTOR	1					s	D				
A1.4.6.6	DETERMINE RESPONSE TO HANDOFF REQUEST				6 F I		s	0	P			
A1.4.6.7	RECEIVE CONTROL OF AIRCRAFT				D				F			
41.4.6.8	REQUEST TRANSFER OF CONTROL	C										
A1.4.7.1	INITIATE HANDOFF FUNCTION	c										
A1.4.7.2	GBSERVE AUTOMATIC INITIATION OF HANDOFF				S F D							
A1.4.7.3	RETRACT HANDOFF	С										
A1.4.7.4	RECEIVE HANDOFF ACCEPTANCE				0				F			
A1.4.7.5	DISCUSS TRANSFER OF CONTROL WITH OTHER CONTROLLER								F			
A1.4.7.6	INITIATE VERBAL HANDOFF											
A1.4.7.7	RECEIVE REQUEST FOR TRANSFER OF CONTROL				FD				F			
A1.4.7.8	DETERMINE THAT AIRCRAFT IS LEAVING SECTOR						v s	ם				
A1.4.7.11	INFORM CONTROLLER OF ANY CONDITIONS AFFECTING TRANSFER OF CONTROL											
A1.4.7.12	INFORM CONTROLLER OF RELINQUISHED CONTROL OF AIRCRAFT	C				111						
A1.4.7.13	DETECT HANDOFF ALERT INDICATION				F D							
A1.4.7.14	REDIRECT HANDOFF	С										
A1.4.7.15	RECEIVE HANDOFF REJECTION				0				F			
A1.4.8.1	INITIATE POINTOUT	С						$\  \  \ $				
A1.4.8.4	RECEIVE ACCEPTANCE OF POINTOUT				F D	111	11					

Critical Task Cognitive/Sensory Attributes

A1.4.8.5 RECEIVE REJECTION OF POINTOUT  A1.4.8.5 RECEIVE REJECTION OF POINTOUT  A1.4.9.5 DETERMINE RESPONSE TO POINTOUT  A1.4.9.5 DETERMINE RESPONSE TO POINTOUT  A1.4.9.5 DETERMINE RESPONSE TO POINTOUT  A1.4.9.5 DETERMINE RESPONSE TO POINTOUT  A1.4.9.5 DETERMINE RESPONSE TO POINTOUT  A1.4.9.5 PROMITANT A CLEARANCE HEROUGH ATCITYES FOR RELAY TO PILOT  A1.4.18.6 ISSUE CLEARANCE HIROUGH ATCITYES FOR RELAY TO PILOT  A1.4.18.6 ISSUE CLEARANCE MAD INSTRUCTIONS TO PILOT  A1.4.18.6 ISSUE CLEARANCE MAD INSTRUCTION TO PILOT  A1.4.18.6 ISSUE CLEARANCE MAD INSTRUCTION TO PILOT  A1.4.18.6 ISSUE CLEARANCE MAD INSTRUCTION TO PILOT  A1.4.18.6 ISSUE CLEARANCE MAD INSTRUCTION TO PILOT  A1.4.18.7 VERIFY AIRCRAFT COPPILANCE MITH CLEARANCE  A1.4.18.3 QUERY PILOT RECARDING COMPORTANCE MITH CLEARANCE  A1.4.18.3 QUERY PILOT RECARDING COMPORTANCE MITH CLEARANCE  A1.4.18.3 CONCOUR ROADS INSERTING FORM PILOT AND PILOT  A1.5.1.3 GEOLIVE LATINE BUILTING FORM PILOT AND PILOT  A1.5.1.7 GETERMINE MERIFIES FORM PILOT AND PI	Task Number	Task Statement	Attributes
A1.4.9.1 DISCUSS POINTOUT WITH OTHER CONTROLLER  A1.4.9.1 RECEIVE POINTOUT  A1.4.9.1 DEPTEMBER ESPONSE TO POINTOUT  A1.4.9.3 DETERMINE RESPONSE TO POINTOUT  A1.4.9.3 DETERMINE RESPONSE TO POINTOUT  A1.4.9.3 DETERMINE RESPONSE TO POINTOUT  A1.4.1.9.5 DETERMINE RESPONSE TO POINTOUT  A1.4.1.9.5 ISSUE CLEARANCE REQUEST  A1.4.1.8.6 ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT  A1.4.1.9.5 ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT  A1.4.1.9.6 ISSUE CLEARANCE THROUGH ATCT/PSS FOR RELAY TO PILOT  A1.4.1.9.7 VERTEY AIRCRAFT COMPLIANCE WITH CLEARANCE  A1.4.1.9.8 QUERY PILOT RECARDING CONCOMMAKE WITH CLEARANCE  A1.4.1.3.8 RECEIVE INITIAL RADIO CONTACT FROM PILOT  A1.4.1.3.1 ROCETVE HEATHER RETEFINS FROM METEOROLOGIST  A1.5.1.1 ROCETVE HEATHER ADVISORY / UPDATE TO PILOT / ANOTHER  A1.5.1.1 INFORM SUPERVISORY / UPDATE TO PILOT / ANOTHER  A1.5.1.1 INFORM SUPERVISORY / MODERNET INFORMATION ROUTES/  FLAM  A1.5.1.7.5 OBSERVE DISPLAY OF MEATHER LINE/ INTENSITY/ MOVEMENT  A1.5.1.7.6 DETERMINE MEATHER PHAINSORY FROM ANOTHER CONTROLLER/  WISHAMER  A1.5.1.1.6 DETERMINE MEATHER PHAINSORY FROM ANOTHER CONTROLLER/  WISHAMER  A1.5.1.1.6 DETERMINE MEATHER PHAINSORY FROM ANOTHER CONTROLLER/  WISHAMER  A1.5.1.2 DETERMINE MEATHER PHAINSORY FROM ANOTHER CONTROLLER/  WISHAMINER  A1.5.1.2 DETERMINE MEATHER PHAINSORY FROM SOUTES/ FLOA  A1.5.1.3 DETERMINE MEATHER PHAINSORY FROM SOUTES/ FLOA  A1.5.1.1 BRIEF MELEVING CONTROLLER  A1.5.2.4 DETERMINE MEATHER PHAINS CONTROLLER  A1.5.2.5 DETERMINE MEATHER CONTROL ZUNE IS IFR/VFR  A1.5.2.7 BRIEF MEMBER PHAINS CONTROLLER  A1.5.3 BRIEF MELEVING CONTROLLER  A1.5.3 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROLLER  A1.6.1.1 BRIEF MELEVING CONTROL			Movement Detectr Spatial Scanning Filtering I/P Recognition Decoding Visualization Shrt Term Nemory Long Term Nemory Deduct Reasoning M/P Reasoning Prioritizing
A1.6.3.1 DETECT NON-ACCEPTANCE OF INPUT DATA A1.6.4.1 DETECT OCCURRENCE OF SECTOR SUITE FAILURE	A1.4.8.7 A1.4.9.1 A1.4.9.2 A1.4.9.3 A1.4.9.5 A1.4.10.2 A1.4.10.5 A1.4.10.6 A1.4.10.7 A1.4.10.8 A1.4.10.8 A1.4.13.6 A1.4.13.8 A1.5.1.3 A1.5.1.9 A1.5.1.10 A1.5.1.10 A1.5.1.10 A1.5.1.10 A1.5.1.2 A1.5.1.75 A1.5.1.80 A1.5.1.80 A1.6.2.75 A1.6.2.13 A1.6.2.75 A1.6.2.75 A1.6.2.75 A1.6.3.1	DISCUSS POINTOUT WITH OTHER CONTROLLER RECEIVE POINTOUT ACCEPT POINTOUT DETERMINE RESPONSE TO POINTOUT APPROVE CLEARANCE REQUEST FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT ISSUE CLEARANCE THROUGH ATCT/FSS FOR RELAY TO PILOT VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE QUERY PILOT REGARDING CONFORMANCE WITH CLEARANCE RECEIVE INITIAL RADIO CONTACT FROM PILOT VERIFY AIRCRAFT ALTITUDE CONDUCT RADAR IDENTIFICATION PROCEDURES RECEIVE WEATHER BRIEFING FROM METEOROLOGIST ISSUE WEATHER ADVISORY/ UPDATE TO PILOT/ ANOTHER CONTROLLER INFORM SUPERVISOR/ TMC OF WEATHER IMPACT ON ROUTES/ FLOW RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR/ METEOROLOGIST OBSERVE DISPLAY OF WEATHER LINE/ INTENSITY/ MOVEMENT DETERMINE WEATHER IMPACT ON ROUTES/ FLOW DETERMINE ALTITUDE/ROUTE CHANGE TO BYPASS SEVERE WEATHER RECEIVE NEW ROUTING FOR WEATHER AVOIDANCE FROM SUPERVISOR/ TMC FORWARD URGENT PIREP TO OTHER CONTROLLER DETERMINE WHETHER RUNNAY CONDITIONS HAVE CHANGED DETERMINE WHETHER CONTROL ZONE IS IFR/VFR RECEIVE RUNNAY USE DATA BRIEF RELIEVING CONTROLLER VERIFY COMPLETENESS OF RELIEF BRIEFING RECEIPT DETERMINE IF READY TO ACCEPT CONTROL RESPONSIBILITY REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER DETECT NON-ACCEPTANCE OF INPUT DATA	C C C C D P F C C C C C C C C C C C C C C C C C C

Critical Task Cognitive/Sensory Attributes

Task Number	Task Statement	Attributes											
		Coding	Movement Detectring Spatial Scanning Filtering I/P Recognition Decoding Wisualization Shrt lerm Memory Long Term Memory Long										
A1.6.4.2  A1.6.4.3  A1.6.4.4  A1.6.4.5  A1.6.5.6  A1.6.5.76  A1.6.5.76  A1.6.5.78  A1.6.5.71  A1.6.7.1  A1.6.7.5  A1.6.7.5  A1.6.7.5  A1.6.7.5  A1.6.7.6  A1.6.8.3  A1.6.8.4  A1.6.9.5  A1.6.9.8  A1.6.9.8  A1.6.9.8  A1.6.9.8  A1.6.10.1  A1.6.10.1  A1.6.10.2  A1.6.10.1  A1.6.10.2  A1.6.10.1  A1.6.11.2  A1.6.11.3	OBSERVE SECTOR SUITE DATA BASE RESTORATION COMPLETION MESSAGE FORWARD NOTICE OF EQUIPMENT STATUS RECEIVE STATUS OF SECTOR SUITE FAILURE FROM CONTROLLER / SUPERVISOR REQUEST SPECIFIED DISPLAY DATA BE PRESENTED ON AND CONTROLLED AT A SPECIFIC COMMON CONSOLE VERIFY COMPUTER ACTION DURING TRANSITION STAGES RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES GETECT OCCURRENCE OF TAAS FAILURE REVERT TO TAAS BACKUP PROCEDURES (TBD) REVERT TO TAAS EMERGENCY MODE PROCEDURES (TBD) REVERT TO TAAS REDUCED LAPABILITY MODE PROCEDURES (TBD) FORWARD SUBSTITUTE ROUTING DETECT COMPLINICATION FAILURE FORWARD ALTERNATE COMPLINICATION PATH RECEIVE NEW FREQUENCY ASSIGNMENT FORWARD NEW FREQUENCY ASSIGNMENT TO ANUTHER CONTROLLER/SUPERVISOR RECEIVE NOTICE OF ALTERNATE COMPUNICATION PATH DETERMINE IMPENDING CONTROLLER CYERLOAD REQUEST ASSISTANCE OR RELIEF REQUEST FLOW CONTROL BE IMPOSED INITIATE USE OF NON-RADAR SEPARATION STANDARDS REQUEST PILOT POSITION REPORTS OBSERVE RETURN OF NORMAL RADAR ENVIRONMENT OBSERVE AIRCRAFT TRACK IN COAST MODE OBSERVE MESSAGE ON LOSS OF FLIGHT PLAN DATA BASE ENTER DISPLAY AMENOMENT MESSAGE ON CONSOLE ENTER FLIGHT PLAN ON CONSOLE DETECT UNRE BLE VSCS COMMUNICATION OWERY WHETHER OTHERS ARE RECEIVING AN AIRCRAFT'S TRANSMISSIONS ISSUE ALTERNATE COMPUNICATION FOR AIR/ROUND TRANSMISSIONS ISSUE ALTERNATE COMPUNICATION FOR AIR/ROUND RECEIVE NOTICE TO TAME OVER AIRSPACE	C C C C C C C	F 0										

5		Critical Task Cognitive	∍/s T	61	151	ory	<b>y</b> .	At	tri	bı												 7
	Tosk Number	Task Stutement	<b> </b>						rectri	, , ;	At	tri	bute 9	S (Louis	enory	putua					· · · · · · · · · · · · · · · · · · ·	 1
			9	,					a) Koa	ring	Tubons Fud		113241	Term 3	t Feas	t Reas	easonii itizim		יים ב			۱
اُ			Coding					;	Spati	Filte	Decoding		Vicio	Shrt.		Induc	MVP Reasoning Frioritizing	E41+ar4na				
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	A1.6.12.2	RECEIVE NOTICE TO PREPARE FOR SECTOR RECONFIGURATION									D											
	A1.6.12.3	RECEIVE NOTICE TO RELEASE AIRSPACE									0							,				
ĺ	A1.6.12.4	RECEIVE NOTICE THAT ADJACENT FACILITY IS OPERATIVE									D								-			
	A1.6.12.5	RECEIVE NOTICE THAT ADJACENT FACILITY IS INOPERATIVE				li					D							i	-			
	A1.6.13.1 A1.6.13.3	RECEIVE NOTICE OF RADAR SENSOR STATUS PERCEIVE TRACKING OR TRANSPONDER FAILURE			Ì					F	I D						M					
		TENCETTE MAGNING ON THATSI GIBER TATEORE									1						n					
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## PERFORMANCE REQUIREMENTS

The critical controller tasks identified in the Task Information Requirements require expeditious and accurate performance for effective control of aircraft. Particularly important performance characteristics for these tasks are identified in this section. An entry in the accompanying Task Performance Criteria table for a task indicates a performance criterion that is considered important to effective task accomplishment.

Different performance criteria apply to different task types. Refer to Section 3.4.3 (Table 3.4-2) of Volume I for the definitions and ATC examples of each performance criterion. The criteria that can apply to each task type are as follows:

Associated With ENTRY (E) Tasks

Accuracy of Receipt Implementation Time

Associated With RECEIPT (R) Tasks

Accuracy of Receipt Recognition Time

Associated With ANALYTICAL (A) Tasks

Planning Time
Accuracy of Time Estimates
Accuracy of Spatial Estimates
Accuracy of Probability Estimates
Appropriateness of Action
Appropriateness of Timing

Associated With VERBAL COORDINATION (VC) Tasks

Implementation Time Accuracy of Communication

Accuracy of verbal communications is the predominant performance criterion for these critical tasks. Accuracy of information entry and receipt via workstation displays, along with recognition time for system information, also are frequently associated with these tasks. For analytical tasks, the predominant performance criteria are the accuracies of estimates of spatial matters, situation probabilities, and of time. The frequency of performance criteria association with the 157 critical tasks is as follows:

Accuracy of Entry Implementation Time	29 Tasks 3 Tasks
Accuracy of Kaccipt Recognition Time	45 Tasks 36 Tasks

Planning Time Accuracy of Time Estimates	11 Tasks 23 Tasks
Accuracy of Spatial Estimates Accuracy of Probability Estimates Appropriateness of Action Appropriateness of Timing	31 Tasks 27 Tasks 10 Tasks 13 Tasks
Implementation Time Accuracy of Communication	7 Tasks 79 Tasks

## Critical Task Performance Criteria

Task Number	Task Statement		Cr	iteria		
		Entry Accuracy Implementn Time	Recognition Time	Planning Time Time Est Accurcy Space Est Accurcy Prob Est Accurry Action Approprise Timing Approprise	Implementn Time Commun Accuracy	
A1.1.1.1	REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/OR FUTURE		A	SP		
A1.1.1.2	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF AIRCRAFT SEPARATION STANDARDS			TSP		
A1.1.1.4	PROJECT MENTALLY AN ATRORAFT'S FUTURE POSITION/ ALTITUDE/ PATH			PTS		
A1,1.1.7	DETERMINE WHETHER AIRCRAFT MAY BE SEPARATED BY LESS THAN PRESCRIBED MINIMA			TSPT		
A1.1.1.12	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF AIRSPACE SEPARATION STANDARDS		A	TSP		
A1.1.1.15	DETERMINE WHETHER AIRSPACE SEPARATION STANDARDS MAY BE VIOLATED			TSPT		
A1,1.1.17	DETERMINE WHETHER FLOW RESTRICTIONS MAY BE VIOLATED			PT	А	
A1,1.1.75	REVIEW DISPLAYS FOR POTENTIAL VIOLATION OF FLOW RESTRICTIONS		AR	TS		
A1.1.4.2	INITIATE TRACK MANUALLY	A	A			
A1.1.4.3	DBSERVE AUTOMATIC TRACK START		AR			
A1,1.4.4	RECEIVE DEPARTURE/ EN ROUTE TIME NOTICE				A	
A1.2.1.1	DETECT AIRCRAFT CONFLICT ALERT INDICATION		R			
A1.2.1.2	DETERMINE VALIDITY OF POTENTIAL AIRCRAFT CONFLICT NOTICE OR INDICATION			TSP		
A1.2.1.3	RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRCRAFT CONFLICT IN SECTOR				A	
A1.2.1.4	INFGRM CONTROLLER OF POTENTIAL AIRCRAFT CONFLICT IN HIS SECTOR				IA	
A1.2.1.7	REVIEW POTENTIAL CONFLICT SITUATION FOR RESOLUTION			P SP		
A1.2.1.8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT CONFLICT SITUATION		R	PT		
A1,2,1.9	PERCEIVE POTENTIAL AIRCRAFT CONFLICT SITUATION		R	TSP		
A1.2.2.1	DETECT MSAW INDICATION OR ALARM					
41.2.2.3	RECEIVE CONTROLLER NOTICE OF POTENTIAL MSAW IN SECTOR				A	
A1.2.2.4	INFORM CONTROLLER OF POTENTIAL MSAW IN HIS SECTOR				IA	
A1.2.2.5	PERCEIVE POTENTIAL LOW ALTITUDE SITUATION		R	S		
A1.2.2.6	DETERMINE VALIDITY OF MSAW NOTICE OR INDICATION			TSF		
A1.2.2.7	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION		R	PSP		
A1.2.3.1	INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR	I			IA	
A1.2.3.2	RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR				A	
A1.2.3.7	PERCEIVE POTENTIAL AIRSPACE CONFLICT SITUATION		R	TS		
A1 2.3.8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE CONFLICT SITUATION		R	РТ		

Critical Task Performance Criteria

A1.2.4.1 OBSER INTER  A1.2.4.3 FURML  A1.2.4.4 DETEC ALERT  A1.2.4.5 ISSUE TRAFF  A1.2.4.12 ISSUE  A1.2.4.13 OBSER THAT  A1.2.4.14 DETER  A1.2.5.75 DETER  A1.3.2.12 EVALUACTION  A1.3.4.5 PROJE  A1.3.5.1 VALID  A1.3.5.3 RECED  A1.4.1.6 RECED  FROM  A1.4.1.15 PERCE  A1.4.1.15 PERCE  A1.4.1.75 DETER  A1.4.1.4.1.75 DETER  A1.4.1.4.1.75 DETER  A1.4.1.4.1.75 DETER  A1.4.1.4.1.4.1.4.1.4.1.4.1.4.1.4.1.4.1.4	TERMINE VALIDITY OF AIRSPACE CONFLICT NOTICE SERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY TERFERE WITH AIRCRAFT FLIGHT RMULATE ADVISORY/ SAFETY ALERT CONTENT TECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISORY/ TERT SUE TRAFFIC ADVISORY/ SAFETY ALERT IN REGARD TO AFFIC PROXIMITY	Entry Accuracy Implementn Time	Receipt Accuracy Recognition Time	Planning Time Time Est Accurcy Space Est Accrcy Prob Est Accurcy Action Approprise Timing Approprise	Implementn Time Commun Accuracy
A1.2.4.1 OBSER INTER A1.2.4.3 FURML A1.2.4.4 DETECALERY A1.2.4.5 ISSUE TRAFF A1.2.4.7 ISSUE A1.2.4.12 ISSUE A1.2.4.14 DETER A1.2.5.75 DETER A1.3.2.12 EVALUATION A1.3.2.75 DETER A1.3.4.5 PROJE A1.3.5.1 VALID A1.3.5.3 RECEN	SERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY TERFERE WITH AIRCRAFT FLIGHT  RMULATE ADVISORY/ SAFETY ALERT CONTENT TECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISORY/ TERT  BUE TRAFFIC ADVISORY/ SAFETY ALERT IN REGARD TO				
]	ALUATE ALTITUDE NONCONFORMANCE INDICATION FOR ITON NEEDED  TECT ALTITUDE NONCONFORMANCE INDICATION  DJECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY PROACH FLOW TO AIRPORT OR SECTOR  DJECT MENTALLY THE RANGE/ BEARING BETWEEN AIRCRAFT LIDATE MODE C ALTITUDE  CEIVE NOTICE OF MISSED APPROACH  CEIVE CLEARANCE APPROVAL/ CLEARANCE RESTRICTIONS OM ANOTHER CONTROLLER  TERMINE PRIORITY OF CONTROL ACTIONS  RCEIVE NEED FOR AMENDED CLEARANCE  RRWLLATE CONTROLLER PLAN OF ACTION FOR CLEARANCE NERATION  TERMINE APPROPRIATE MENTAL PLAN FOR AIRCRAFT EARANCE  CLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	I	R R R R A A A R R	S P A T S P A	I A A A A
A1.4.2.3 ISSU	CEIVE NOTICE OF PILOT OR AIRCRAFT HAVING A PROBLEM .G., OVERDUE, LOSS OF RADIO CONTACT)  SUE INSTRUCTIONS TO PILOT (NURDO) FOR ENTIFICATION TURN/ TRANSPONDER RESPONSE	A	R	Т	A A A A A A A A A A A A A A A A A A A

Task Number	Task Statement						 Cri	ter	io				 		 	
		Entry Accuracy			Receipt forward	Recognition lime			ÇD.	Space Est Accurcy	Prob Est Accurcy	Timing Approprise	Implementn Time Coomen Accuracy			
A1.4.2.9  A1.4.2.10  A1.4.2.11  A1.4.2.12  A1.4.2.14  A1.4.5.1  A1.4.5.1  A1.4.5.7  A1.4.5.18  A1.4.6.2  A1.4.6.3  A1.4.6.5  A1.4.6.6  A1.4.6.6  A1.4.6.7  A1.4.6.8  A1.4.7.1  A1.4.7.2  A1.4.7.3  A1.4.7.4  A1.4.7.5  A1.4.7.8  A1.4.7.1  A1.4.7.12  A1.4.7.13	OBSERVE AIRCRAFT TURN/ TRANSPONDER RESPONSE FOLLOWING IDENTIFICATION REQUEST CONDUCT RADIO/ RADAR SEARCH FOR OVERDUE AIRCRAFT RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINOENCY PLAN INVICKED RECEIVE SUPERVISOR NOTICE TO CONDUCT COMMUNICATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT RECEIVE PILOT NOTICE OF EMERGENCY DECLARED PERCEIVE PRESENCE OF SPECIAL OPERATION RECEIVE FLIGHT DATA REVISION ENTER FLIGHT DANA AMENUMENT RECEIVE PILOT'S POSITION REPORT RECEIVE CONTROLLER ADVICE OF UNABLE FLIGHT PLANAMENOMENT RECEIVE HANDOFF REQUEST DENY HANDOFF ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START ACCEPT AUTOMATIC HANDOFF DETERMINE THAT AIRCRAFT IS ENTERING SECTOR DETERMINE RESPONSE TO HANDOFF REQUEST RECEIVE CONTROL OF AIRCRAFT REQUEST TRANSFER OF CONTROL INITIATE HANDOFF FUNCTION OBSERVE AUTOMATIC INITIATION OF HANDOFF RECEIVE HANDOFF ACCEPTANCE DISCUSS TRANSFER OF CONTROL INITIATE VERBAL HANDOFF RECEIVE HANDOFF REQUEST FOR TRANSFER OF CONTROL DETERMINE THAT AIRCRAFT IS LEAVING SECTOR INFORM CONTROLLER OF ANY CONTITIONS AFFECTING TRANSFER OF CONTROL INFORM CONTROLLER OF RELINQUISHED CONTROL OF AIRCRAFT OFTECT HANDOFF ALERT INDICATION	A A A A A A	I	X		R R R A A A A A A A A A A A A A A A A A	X		Plami	1.13e E. Soace Soa	P	INCOME A A T	1	4		
A1,4.7.14 A1.4.7.15 A1,4.8.1 A1,4.8.4	REDIRECT HANDOFF RECEIVE HANDOFF REJECTION INITIATE POINTOUT RECEIVE ACCEPTANCE OF POINTOUT	A				A								A		

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Task Number  Losk Statement  Losk Statement  Losk Statement  Receipt Accuracy Implement Time Est Accuracy Prob Est Accuracy Prob Est Accuracy Action Appropriss  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriase  Liming Appropriate  Liming Appr	
A1.4.9.7 OISOUSS POINTOUT WITH OTHER CONTROLLER  A1.4.9.1 RECEIVE POINTOUT  A1.4.9.3 DERY POINTOUT  A1.4.9.3 DERY POINTOUT  A1.4.9.5 UETERMINE RESPONSE TO POINTOUT  A1.4.9.5 UETERMINE RESPONSE TO POINTOUT  A1.4.9.5 ISSUE CLEARANCE REQUEST  A1.4.18.4 FORMALATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS  A1.4.18.5 ISSUE CLEARANCE HITH DEPROPRIATE INSTRUCTIONS  A1.4.18.6 ISSUE CLEARANCE HITH OLEARANCE  A1.4.18.7 VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE  A1.4.18.8 QUERY PILOT RESARDING CONTROMANCE WITH CLEARANCE  A1.4.13.8 VERIFY AIRCRAFT ALTITUDE  A1.4.14.3 VERIFY AIRCRAFT ALTITUDE  A1.4.15.1.1 RECEIVE WEATHER BRIEFING FROM METEOROLOGIST  A1.5.1.2 INSUE WEATHER ADJISONY UPDATE TO PILOT ANOTHER  CONTROLLER  A1.5.1.16 INSUE WEATHER ADJISONY FROM MOTHER CONTROLLER/ SUPERVISOR/ TWO OF WEATHER IMPACT ON ROUTES/ FILOL  A1.5.1.17 DETERMINE WEATHER INFACT IN ROUTES/ FILOL  A1.5.1.18 OESERVE DISPLAY OF WEATHER LINE/ INTERSITY/ MOVEMENT  DETERMINE ALTITUDE/ROUTE CHANGE TO SYPASS SEVERE  MEATHER  A1.5.1.70 DETERMINE WEATHER INPACT IN ROUTES/ FILOH  A1.5.1.10 GETERMINE WEATHER RUMANY CONDITIONS HAVE CHANGED  A1.5.1.2 FORMAND UREATH FIREP TO OTHER CONTROLLER  A1.5.2.5 OETERMINE SWETHER RUMANY CONDITIONS HAVE CHANGED  A1.5.2.5 DETERMINE SWETHER RUMANY CONDITIONS HAVE CHANGED  A1.5.2.6 DETERMINE WEATHER CONTROLLER  A1.5.3.1 DETERMINE SWETHER RUMANY CONDITIONS HAVE CHANGED  A1.5.2.7 RECEIVE RUMANY CONDITIONS HAVE CHANGED  A1.6.2.1 DETERMINE SWETHER RUMANY CONDITIONS HAVE CHANGED  A1.6.2.1 DETERMINE SWETHER RUMANY CONDITIONS HAVE CHANGED  A1.6.2.1 DETERMINE SWETHER RU	

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Task Number	Task Stotement		 <u>Cr</u>	terio		
		Entry Accuracy Implementn Time	Receipt Accuracy Recognition Time	Planning Time Time Est Accurcy Space Est Accrcy Prob Est Accurcy Action Appropriss Timing Appropriss	Implementn Time Commun Accuracy	
A1.6.4.2  A1.6.4.3  A1.6.4.4  A1.6.4.5  A1.6.5.6  A1.6.5.75  A1.6.5.76  A1.6.5.77  A1.6.5.78  A1.6.7.1  A1.6.7.2  A1.6.7.3  A1.6.7.5  A1.6.7.5  A1.6.7.6  A1.6.8.1  A1.6.8.3  A1.6.8.4  A1.6.9.5  A1.6.9.9  A1.6.9.10  A1.6.9.10  A1.6.10.1  A1.6.10.2  A1.6.10.3	OBSERVE SECTOR SUITE DATA BASE RESTORATION COMPLETION MESSAGE  FORWARD NOTICE OF EQUIPMENT STATUS  RECEIVE STATUS OF SECTOR SUITE FAILURE FROM CONTROLLER / SUPERVISOR  REQUEST SPECIFIED DISPLAY DATA BE PRESENTED ON AND CONTROLLED AT A SPECIFIC COMMON CONSOLE  VERIFY COMPUTER ACTION DURING TRANSITION STAGES  RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES  DETECT OCCURRENCE OF TAAS FAILURE  REVERT TO TAAS BACKUP PROCEDURES (TBD)  REVERT TO TAAS REDUCED CAPABILITY MODE PROCEDURES (TBD)  FORWARD SUBSTITUTE ROUTING  DETECT COMMUNICATION FAILURE  FORWARD ALTERNATE COMMUNICATION PATH  RECEIVE NEW FREQUENCY ASSIGNMENT  FORWARD NEW FREQUENCY ASSIGNMENT TO ANOTHER CONTROLLER/SUPERVISOR  RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH  DETERMINE IMPENDING CONTROLLER OVERLOAD  REQUEST ASSISTANCE OR RELIEF  REQUEST FLOW CONTROL BE IMPOSED  INITIATE USE OF NON-RADAR SEPARATION STANDARDS  REQUEST PILOT POSITION REPORTS  OBSERVE RETURN OF NORMAL RADAR ENVIRONMENT  OBSERVE AIRCRAFT TRACK IN COAST MODE  OBSERVE MESSAGE ON LOSS OF FLIGHT PLAN DATA BASE  DETECT FAILURE TO UPDATE FLIGHT PLAN DATA BASE  ENTER DISPLAY AMENDMENT MESSAGE ON CONSOLE	Entry V A A A A A A Inplo	Recei	Plant Time Space State Prob Prob Prob Prob Prob Prob Prob Prob	Imple Transfer of the Transfer	
A1.6.10.4 A1.6.11.1 A1.6.11.2 A1.6.11.3 A1.6.12.1 A1.6.12.2	E ITER FLIGHT PLAN ON CONSOLE  DETECT UNRELIABLE VSCS COMMUNICATION  QUERY WHETHER OTHERS ARE RECEIVING AN AIRCRAFT'S TRANSMISSIONS  ISSUE ALTERNATE COMMUNICATION FOR AIR/GROUND TRANSMISSION  RECEIVE NOTICE TO TAKE OVER AIRSPACE  RECEIVE NOTICE TO PREPARE FOR SECTOR RECONFIGURATION	A	A		A A A	

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1		Critical Task Perfor	T	ine	:0	Cr	1.00	ric					_						-	7
	Task Number	Task Statement	ا ک	ine ine			<b></b>	racy Time		Cri	teri	ارد م	Crcy	SSUG	2	- <u>- 3</u>				1
			Accura	entn T				t Accur			į	St. A	St Ac	Appro	5 1. 2	entn T	Accura			
	:		Entry	Implementn Time				Receipt Accuracy Recognition Isme			1	Time E	Space 1	Action Appropris	<b>S</b>	Implementn Iime				
				Π	Ī		T :		TI		77	11	7	TT		 TT	., TT	TT	_	$\dashv$
	A1.6.12.3	RECEIVE NOTICE TO RELEASE AIRSPACE						A									A			
	A1.6.12.4	RECEIVE NOTICE THAT ALVACENT FACILITY IS OPERATIVE						A									A			
	A1.6.12.5	RECEIVE NOTICE THAT ADJACENT FACILITY IS INOPERATIVE						A							11	.	A			
	A1.6.13.1	RECEIVE NOTICE OF RADAR SENSOR STATUS						A									A			
	A1.6.13.3	PERCEIVE TRACKING OR TRANSPONDER FAILURE						3.5												
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## APPENDIX E

## TASK ELEMENT STATEMENTS

The table presented in this appendix is actually a composite of sub-tables, each of which is devoted to the decomposition of a single controller task. Each sub-table contains an identifying Task Number, Task Statement (from Appendix B), Task Type (from Appendix D), Coordination Media (Appendix B), Task Frequency and Criticality (from Appendix D), and four columns of information:

- 1. Element Number
- 2. Task Element Statement
- 3. Object(s)
- 4. Number of Objects

Element Number is an expansion of the Task Number to reflect a logical ordering or likely sequence of the element steps. The element number is unique, although the contents of a given element may be found in more than one task. O (for "Or"), A (for "And"), or A/O (for "And/Or") between elements indicates the end of a sequence of elements comprising alternate modes of task completion. This convention is needed in particular to denote where two entirely different processes may be employed, as in communication tasks which may be performed either via ATC Mail or by voice over the Voice Switching and Control System (VSCS).

A Task Element Statement is presented in the structured form:

Verb – (modifier) – Object – (modifier) – (\*descriptive information\*)

Verb and Object portions are always present, the other portions being used as needed. Nomenclature for data objects follows the User Interface Language of Appendix C where possible. TAAS data objects are emphasized by underlines preceding and between words of the object name. An asterisk (\*) preceding the Task Element verb indicates that the particular element may not always be performed.

Objects is a summation of the specific User Interface Language (Appendix C) data objects cited in the Task Element Statement. (NOTE: the User Interface Language should be referred to for specific data object details.)

Number of Objects projects how many instances or representations of each UIL data object a controller generally would deal with in performing the Task Element. Again, a generalized facility and time scenario is assumed. The numbers represent normal situations rather than worst-case scenarios or system limits.

The quantities of data objects assumed in certain specific situations frequently encountered in the Task Elements are as follows:

Full Data Blocks in the Terminal sector	15
Partial Data Blocks in the Terminal Sector	15
Limited Data Blocks in the Terminal Sector	5
Flight Data Entries in Flight Data Display	20
Traffic Management Advisories in ATC Mail	5
Sectors bounding terminal airspace	5
Obstructions on Situation Display geographic map	3
Weather Descriptors on Situation Display	2

For data objects other than those listed here, no general assumption is made. Quantity of objects is assigned on a case-by-case basis to represent a "normal" situation.

NOTE: Due to the extensive revision of the data in this Appendix, black lines (side bars) in the margins to indicate substantive changes (see Foreword) from the original volume have not been used.

			Task f	Element Report			
TASK NUMBER / ELEMENT NUMBE	•	ARIC	ENTS / DATA ID IT STATEMENTS		(	OBJECTS	NO. OF OBJECTS
A1.1.1.1							
			COORD MEDIA:		-		
A1.7.1.1.1			ight_Data_Entry and _Time of a Display for information to aircraft separation			t_Dota_Entry	2Ø 1 1
A1.1.1.2	<b>s</b> pe int	eed, alti	aircraft, position, route, tude and time information al picture of aircraft				
A1.1.1.3			pircraft paths warranting ose monitoring and evaluati	on.			
			AY FOR POTENTIAL VIOLATION	•	_	STANDARDS	
	TASK TYPE	E: R/A	COORD MEDIA:	FREQUENCY:	нІ	CRITICALITY: EXT	
A1.1.1.2.1	ACG _FC _BC _SS	QUIRE _P ull_Data_ uckground ituation_	Position_Symbol, Block, and Descriptor on Display for potential violation		Posit Full_ Backg	ion Symbol Datā_Block ground Descriptor stion_Display	30 27 1
A1,1.1.2.2	and pi: Vic	d aireraf cture wit	altitude, speed, time, ran ft data into a mental traff th regard to potential of aircrait seporotion				
A1.1.1.2.3			potential violation of eparation standards				
A1.1.1.4	PROJECT MENTA	LLY AN A	IRCRAFT'S FUTURE POSITION/				
_	TASK TYP	E: R/A	COORD MEDIA:	FREQUENCY:	Hi	CRITICALITY: HI	
A1.1.1.4.1	AC _P _B _G	CQUIRE _Si Position_S Background Braphic Al	ituation_Display for Symbol, _Full_Data_Block, d_Descriptor, and TC_Radar_Weather to project future position	+	Situa Posit Full Backa	otion Display tion_Symbol _Dava Block ground_Descriptor hic_ATC_Radar_Weather	1 1 1 1
A1.1.1.4.2	_F	QUIRE _F1 flight_Dat rogress*	A/O light_Osto_Entry, and _Time ta_Cispley *aircraft fligh	e on ht	Time	ht_Cata_Entry ht_Oata_Display	20 1 1
A1.1.1.4.3	an a	nd altitud	time, location, route, spe de, on specified aircraft p icture of future position, or path	into			
A1.1.1.4.4	or re ob	path of address of	ture location, altitude ond aircroft, possibly with proximity to other aircroft ins, special use airspace, o	t.			
A1.1.1.6	FORCE/ QUICK	LOOK FUL	L DATA BLOCK(S) TO EXAMINE				
		PE: E/R//		FREQUENCY:	LOW	CRITICALITY: MED	
A1.1.1.6.1	ra	odor dotā	Quick_Look message *to for from adjacent airspace to display*	rce		k_Look	1

		Task Elen	ment Report	**********************	
TASK NUMBER	TASK STATEMENTS	5 / DATA			NO. OF
ELEMENT NUMBI		TATEMENTS		OBJECTS	OBJECTS
A1,1,1,6	FORCE/ QUICK LOOK FULL DAT	TA BLOCK(S) TO EXAMINE TRAC	X INFORMATION ON AI	RCRAFT	***************************************
	TASK TYPE: E/R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
A1.1.1.6.2	EXECUTE _Quic	k_Look message	Quic	k_Look	1
A1.1.6.3	DETEC: Full   on Situation  sector	Data Block *quick look* Display from another		_Dota_Block ation_Display	27 1
A1 1 1 6.4	force full date	e_Dato_Block message *to a block from adjacent situation display*	Forc	ea_Data_Block	1
A1,1.1.6.5	EXECUTE _Forc	e_Dcta_Block message	Forc	ce_Data_Block	1
41.1.1.6.6		information from forced ck on _Situation_Display		l_Data_Block vation_Disploy	1
A1,1,7	DETERMINE WHETHER AIRCRAF	T MAY BE SEPARATED BY LESS	THAN PRESCRIBED MIN	IIMA	
	TASK TYPE. A	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: EXT	
A1.1.1.7.1	traffic pictur	ent and projected mental re to determine potential less than standard			
A1.1.1.7.2	DECIDE whether will be less to	aircraft .eporation is or than minimum			
A1.1.1.8	SELECT FOE SORTING PRIORI	TY SCHEME			
	TASK TYPE. E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
A1 1.1.8 1		ect_FDF_Sort_Technique order flight datc entry on isplay*	Sel	ect_FDE_Sort_Technique	1
A1.1.1 8.2	EXECUTE _Sele message	ect_FDE_Sort_Technique	Sel	ect_FDE_Sort_Technique	1
A1.1.1.8.3	DETECT poscing desired order	g of _Flight_Data_Entry in on _Flight_Data_Display	Flig Flig	ght_Data_Entry ght_Data_Display	27 1
A1.1.1.9	OBSERVE TRACK VELOCITY/	DISTANCE VECTOR TO PROJECT	AIRCRAFT MOVEMENT		
	TASK TYPE · E/R/A	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: MED	
A1,1 1,9,1	INITIATE Requests	uest_Track_Velocity_Vector esired_aircraft	Req	uest_Track_Velocity_Vector	1
A1.1,1,9 2	EXECUTE _Reque message	est_Trock_Velocity_Vector	Req	uest_Track_Velocity_Vector	1
A1.1.1,9,3	O INITIATE Red message for do	quest_Track_Discance_Vector estred_aircraft	r Req	uest_Track_Distance_Vector	1
A1.1.1.9.4	EXECUTE _Req message	uest_Track_Distance_Vector	Req	uest_Track_DistanceVector	1
1.1.9.5 מ.ויא	_Track_Distan _Vector_Type _Situation_Di	k_Velocity_Vector or ce_Vector and Indicator from spluy ==results of troc, tance vector message=	Tra Vec	nck_Velocity_vector nck_Cistance_vector ntar_Type_Indicator nuation_Nispiay	27 27 1 1

			Task Elem	ent Report		~	,
TASK NUMBER /		TASK STATEMENT AND TASK ELEMENT S				OBJECTS	NO. OF OBJECTS
A1.1.1.9			DISTANCE VECTOR TO PROJECT A				
	TASK T	TYPE: E/R/A	COORD MEGIA:	FREQUENCY: ME	0	CRITICALITY: MED (Continued)	
A1.1.1.9.6		EXTRACT track	k velocity or distance n an aircraft from ty_Vector or ce_Vector on			_Velocity_Vector _Distance_Vector ition_Display	1 1 1
A1.1.1.12	REVIEW SITE	UATION DISPLAY	FOR POTENTIAL VIOLATION OF	AIRSPACE SEPAR	RATION	STANDARDS	
	TASK '	TYPE: R/A	COORD MEDIA:	FREQUENCY: HI	ſ	CRITICALITY: EXT	
A1.1.1.12.1		ACQUIRE Posit Full Data Blo and Bac Tound Situa: n Dis pertaining to conflict	tion_Symbul, ock,_Graphic_ATC_Rador_Wx, d_Descriptor on splay for information a potential airspace		Posit Full Groph Backs Situs	sion_Symbol Datā Block Dic_ATC Radar_Wx ground_Descriptor ation_Display	3 <i>f</i> 27 1 1
A1.1.1.12.2		special use as information is picture with s	ltitude, route, weather, irspace, and time nto a mental traffic regard to violation of ration standards				
A1.1.1,12.3		airspace sepa	ential violation of ration standards, and space conflict				
A1.1.1.14	REVIEW SIT	UATION DISPLAY	FOR POTENTIAL VIOLATION OF	CONFORMANCE U	RITERI	A	
	TASK	TYPE: R/A	COORD MEDIA:	FREQUENCY: H	ī	CRÍTICALITY: MED	
A1.1.1.14.1		and Geograph Situation Di potential Vio lateral confo	tion Symbol, Data_Block, nic Mop_Data on .splay for information on plation of altitude and ormance k/O		Data Geog	tion_Symbol Block raphic_Map_Dota ation_Display	30 27 1 1
A1.1.1.14.2		ACQUIRE Flig Flight Doto	nt_Data_Entry, and _Time on Display for information opetential violetion of		Time	ht_Oata_Entry ht_Oata_Display	20 1 1
A1.1.1.14.3		speed, noncon information i picture with	altitude, route, aircraft, iformance indicator and time into a mental traffic regard to potential conformance criteria				
A1.1.1.14.4			tential violation of eed, or route conformance				
A1.1.1.15	DETERMINE	WHETHER AIRSPA	ACE SEPARATION STANDARDS MAY	BE VIOLATED		***************************************	
į	TASK	TYPE: A	COORD MEDIA:	FREQUENCY: H	4 I	CRITICALITY: EXT	
A1.1.1.15.1		traffic pictu for less than	ntally projecting the ure if the potential exists n standard separation ircraft and Special Use				

	7ask Elem	ent Report	
TASK NUMBER	TASK STATEMENTS / DATA / AND		NO. OF
ELEMENT NUMB	ER TASK ELEMENT STATEMENTS	OBJECTS	OBJECTS
A1,1,1.17			
	TASK TYPE: A COURD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
A1.1.1.17.1	DECIDE by projecting the truffic picture mentally, if the potential exists for instances of non-compliance with flow control restrictions		
A1.1.75	REVIEW DISPLAYS FOR POTENTIAL VIOLATION OF FLOW REST	RICTIONS	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: EXT	
A1.1.1.75.1	ACQUIRE _Full_Dato_Block, and _Position_Symbol on _Situation_Display for information pertaining to potential violation of flow restrictions A/O	Full Data Block	27 30 1
A1.1.1.75.2	ACQUIRE Flight Dota Entry, and Time on Flight Data Display for information pertaining to potential violation of flow restrictions  A/O	Flight_Data_Entry Time Flight_Data_Display	2 <b>6</b> 1 1
A1.1.1.75.3	ACQUIRE Traffic Management Record (nan-computer source) for traffic management information		
A1.1.1.75.4	SYNTHESIZE mental traffic picture with regard to flow violations from direcaft, position, altitude, route, speed, time and traffic management information		
A1.1.1.75.5	RECOGNIZE potential violation of flow restrictions		
A1.1.1.76	REQUEST BEACON CODE/ MODE C/ GROUND SPEED READOUT OF	UNASSOCIATED TARGET	
	TASK TYPE: E/R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.1.1.76.1	INITIATE _Query_Data_Buse_For_Selected_R eadout message	Guery_Data_Base_For_Selected_Readout	1
A1.1.1.76.2	EXECUTE _Query_Data_Base_For_Selected_Re adout message	Query_Data_Base_For_Selected_Readout	1
A1,1.1.76.3	DETECT _Mode_3/A_Beacon_Code, _Mode_C_Altitude,_Ground_Speed in approrriate _Limited_Oata_Block	ქაძe_5/A_Beacon_Code Mode_C_Altitude Ground_Speed Limited_Data_Block	1 1 1 1
A1 1.2.1	OBSERVE DISPLAY OF NEW/ CHANGED EQUIPMENT/ OPERATION	VAL STATUS	
	YASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.1.2.1.1	SCAN_System_Status_Data_Display for new or revised equipment/ operational changes	System_Status_Data_Display	. 1
A1.1.2 1.2	NET∵CT _Update_Indication *data emphasis* on _System_Stotus_Data_Displa	Update_Indication System_Status_Octa_Display	1 1
A1.1.2.1.3	EXTRACT new or changed equipment/ operutional status from _System_Status_Data_Display	System_Stotus_Data_Display	1

		Task Elem	ent Report		-4
TASK NUMBER / ELEMENT NUMBE	TASK STATEME AND TASK ELEMENT	)		OBJECTS	NO. OF OBJECTS
A1.1.2.2	ENTER SYSTEM STATUS DAT				
	TASK TYPE: E	COURD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
AT.1.2.2.1	INITIATE : message for status	System_Status_Data_Change entry of a change in system	Syst	em_Status_Data_Change	1
A1,1,2,2.2	EXECUTE _S	ystem_Status_Data_Change	Syst	em_Status_Data_Change	1
A1.1.2.2.3		ptance of data entered by tus_Dota_Change message	Syst	em_Status_Data_Change	1
A1.7.2.3	RECEIVE NOTICE OF STATE	US OF ADJACENT/ BACKUP FACILI	TY AUTOMATION EQUIPM	ENT	************
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LOW	
A1.1.2.3.1	*notice of	n/restoration*			
Ai.1.2.3.2	Communicati	O S, Receiving G/G ons *notice of ACF equipment n/restoration*			
A1.1.2.4	DETECT EQUIPMENT SERVI	CE INTERRUPTION/ RESTORATION			
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY. MED	
A1.1.2.4.1		em displays for signs of rruption/ restroration			
A1.1.2.4.2	display(s)	ial/ complete loss of system			
A1.1.2.4.3	or, and/ or Flight Dat	ure of _Time, Block, _Target/Track_Descript Flight_Data Entry on a_Display or Display to properly update	loro Flic Flic	e L_Data_Block Jet/Trock Descriptor Jet_Data_Entry Jet_Dota_Display JetIon_Display	1 27 27 27 27 1 1
A1.1.2.4.4	controller display(s)	oper/ no response to input action on system			
A1.1.2.4.5		A/O coration of system display(s)			
A1.1.2.4.6	_Full_Data or, Flight	ner updating of _Time. Block, _Target/Track_Descript _Data_Entry on Display and/ or ca_Display	Tarı Fli Sit	P l_Dato_Block gk /Track_Descriptor ghk_Data_Entry uation_Display ght_Data_Display	1 27 27 27 1 1
A1.1.2.4.7		O per response to controller on on system displays		3aagaageag	·
Al.1.2.5	RECEIVE NOTICE OF CONT			••••	
! 	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW		
A1.1.2.5.1		1 M.1, Receiving ATC Moil communications status*			

		Tusk Eleme	int keport		
TASK NUMBER / ELEMENT NUMBER		/ DATA ATEMENTS		ORJECTS	NO. OF OBJECTS
A1.1.2.5 /	RECEIVE NOTICE OF COMMUNICA			,	,#00 <b>04</b> _#\$44.
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
41.1.2.5.2	PERFORM VSCS, Re				
A1.1.2,6 [	REQUEST REPORT ON NAVAID ST	TATUS			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
A1.1.2.6.1					
A1.1.2.6.2	PERFORM VSCS, In	nitiating G/G *request NAVAID status			
A1.1.2.6.3	PERFORM VSCS, Re Communications from Flight Serv	*receive NAVAID status			
A1.1.2.75 I	DETECT AIRPORT ENVIRONMENT	TAL EQUIPMENT SERVICE INTER	RUPTION/ RESTORATION	ON ALERT	
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
A1.1.2.75.1	SEARCH System:	Status_Data_Display for status of equipment		tem_Status_Dota_Display	1
A1.1.2.75.2	DETECT presence Information on	e of Emphasized the _System_Status_Data_D ating a change in	Syst	stem_Status_Data_Display	1
A1.1.2.76	ACKNOWLEDGE AIRPORT ENVIRO	ONMENTAL EQUIPMENT SERVICE	OPERATIONAL STATUS	ALERT	
		COORD MEDIA:			
A1.1.2.76.1	<del></del>	mphasize_System_Status_Dat		emphasize_System_Status_Data_Item	1
A1.1.2.76.2	EXECUTE _Deemp _Item message	phasize_System_Status_Oata	Deer	emphasize_System_Status_Data_Item	1
A1.1.2.76.3	DETECT proper r _Deemphasize_Sy message	response to ystem_Status_Data_Item		emphasize_System_Status_Data_Item	1
A1.1.3.1	SEARCH DISPLAY FOR INACTI'	VE FLIGHT PLAN ON CLEARANCE			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
A1.1.3.1.1	Flight Data Di	t_Data_Entry on hisplay for _Callsign or hification of aircraft harance	Fli Col	ight_Data_Entry ight_Data_Display llsign mputer_Identification	1 1 1
A1.1.3.1.2	EXTRACT Calls _Status_Indicat _Control_Infor	sign, _Computer_ID, btor *proposed or octive*, brmation_Symbol *fDEN* de from _Flight_Oato_Entry	Cul Com Sto Con Bea	llsign mputer_ID atus_Indicator ntrol_Information_Symbol acon_Code ight_Data_Entry	1 1 1 1 1

			ment Report	
N.1.3.1 SEAGN DISPLAY FOR INACTIVE FLIGHT PLAN ON CLEARANCE REQUEST  TASK TYPE: B/A COMENDIA: FREQUENCY: LOW CRITICALITY: LOW (Continued)  N.1.3.1.3 COMPAGE Cultising, Sectus Indicator, and control information on Control Information Symbol = FEEDH Sectus Indicator   1	TASK NUMBER /	ANID	OBJECTS	NO. OF OBJECTS
TASK TYPE: R/A COORD MEDIA: FREQUENCY: LOW CRITICALITY: LOW (Continued)  A1.1.3.1.3 COMPARS Cultsign. Status indicator and control information Sweet Media and Color and Control information Sweet Media and Color and Control information Sweet Media and Color and Control information on an analysis of Task Type: E/R/A COORD MEDIA: FREQUENCY: LOW CRITICALITY: MED  A1.1.3.2.1 INITIATE Sequest. Flight Data Readout Message for additional (full) route information on an aircraft Message for additional (full) route information on aircraft Plant Data Readout Message Flight Data Readout Message Flight Data Color and Color				00 /64.5
Al.1.5.1.3 CEPPARE Collaign. Scales Indicator ord Control Information Swhol *FEE** for agreement regarding proposed clearance request.  Al.1.5.2 REQUEST FLIGHT DATA REALOUT TACK TYPE: E.R./A COORD MEDIA: FREQUENCY: LCM CRITICALITY: MED  Al.1.5.2.1 INITIATE Request_Flight_Data_Readout Message for duditional (full) renute information an aircraft information an aircraft Message for duditional (full) renute information an aircraft information an aircraft Plags and the state of Flight_Data_Readout Message and the state of Flight_Data_Readout Plags and Flight_Data_Readout Plags and Flight_Data_Readout Plags and Flight_Data_Readout Plags and Flight_Data_Readout Plags and Flight_Data_Readout Plags and Flight_Data_Readout Area in Flight_Data_Readout Area in Flight_Data_Readout Area in Flight_Data_Readout Area in Flight_Data_Readout Area in Flight_Data_Data_Data_Data_Data_Data_Data_Da	. انچیا		•	
Al.1.3.2 REQUEST FLIGHT DATA REALDUT  TASK TYPE: E.RR.A CORR MEDIA: FREQUENCY: LOW CRITICALITY: MED  Al.1.3.2.1 INITIATE Request_Flight_Doto_Readout Message for additional (full) route information on an aircraft  Al.1.3.2.2 EXECUTE Request_Flight_Doto_Readout Request_Flight_Doto_Readout 1  Al.1.3.2.3 DETECT appearance of full flight plan in Flight_Doto_Readout_Area 1  Flight_Doto_Readout_Area of Flight_Doto_Doto_Message*  Al.1.3.2.4 EXTRACT flight plan information from Flight_Doto_Doto_Doto_Message*  Al.1.3.2.4 EXTRACT flight plan information from Flight_Doto_Doto_Doto_Doto_Doto_Doto_Doto_Do	4 2			
TASK TYPE: E.R.A CORD MEDIA: FREQUENCY: LOW CRITICALITY: MED  Al.1.3.2.1 INVITATE Request_Flight_Data_Readout sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation on an aircraft sinformation sinformation sinformation sinformation sinformation sinformation sinformation sinformation from sinformation fr	A1.1.5.1.5	COMPARE Callsign, Status_inatequer, and _Control_information_Symbol *FDEN* for agreement regarding proposed clearance request	Callsign Status_Indicator Control_Information_Symbol	1
Al.1.3.2.1 INITIATE Request_Flight_Dota_Readout Message for additional (foll) route information and aircraft al.1.3.2.2 EXECUTE Request_Flight_Dota_Readout Request_Flight_Dota_Readout Message for additional (foll) route information and aircraft Flight_Dota_Readout Message Message Progress Flight_Dota_Readout Area of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of Flight_Dota_Display *results of FREQUENCY: LOA CRITICALITY: NED **  Al.1.3.3.1 REQUEST FLIGHT DATA ENTRY FORMAT CHANGE TAXX TYPE: E COORD MEDIA: FREQUENCY: LOA CRITICALITY: NED **  Al.1.3.3.1 Al. INITIATE Select_Flight_Dota_Entry_Forma **  Al.1.3.3.2 EXECUTE Select_Flight_Dota_Entry_Forma **  Al.1.3.3.3 DETECT system acceptance of Select_Flight_Dota_Entry_Format **  Al.1.3.3.4 EXECUTE Select_Flight_Dota_Entry_Forma **  Al.1.4.1 ENTER DEPARTURE/ EN ROUTE TIME *RESSAGE**  Al.1.4.1 ENTER DEPARTURE/ EN ROUTE TIME *RESSAGE**  Al.1.4.1.1 INITIATE Departure message **  Al.1.4.1.2 EXECUTE _Departure message **  Al.1.4.1.3 DETECT **  Al.1.4.1.1 ENTER DEPARTURE/ EN ROUTE TIME **  Al.1.4.1.2 EXECUTE _Departure message **  Al.1.4.1.3 DETECT **  Al.1.4.1.4 INITIATE _Progress_Report message **  Al.1.4.1.5 DEFECT appropriate chonge in Time Actual_Departure_Flime **  Al.1.4.1.6 DETECT **  Al.1.4.1.6 DETECT **  Al.1.4.1.7 INITIATE _Progress_Report message **  Al.1.4.1.6 DETECT **  Al.1.4.1.7 INITIATE _Progress_Report message **  Al.1.4.1.6 DETECT **  Al.1.4.1.7 INITIATE _Progress_Report message **  Al.1.4.1.6 DETECT **  Al.1.4.1.7 INITIATE _Progress_Report message **  Al.1.4.1.6 DETECT **  Al.1.4.1.7 INITIATE _Progress_Report message **  Al.1.4.2 INITIATE TRACK MANUALLY TAX IN	A1.1.3.2	REQUEST FLIGHT DATA REAUOUT		
Message for additional (full) Faute information on aircraft and aircraft maintenance on aircraft message and aircraft message for aircraft of all flight plan in Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area of Flight Data Readout Area on Flight Data Entry Format of Mail Annual Area Area (Area Area Area Area Area Area Area Area		TASK TYPE: E/R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
Message  Al.1.5.2.3 DETECT appearance of full flight plan in Flight_Data_Readout_Area of Flight_Data_Display   1	Λ1.1.3.2.1	Message for additional (full) route	Request_Flight_Data_Readout	1
Flight Data Readout Area of Flight Data Disploy "request Flight data readout message*  A1.1.3.2.4 EXTRACT flight data readout message*  A1.1.3.3.7 REQUEST FLIGHT DATA ENTRY FORMAT CHANGE  TASK TYPE: E COORD MEDIA: FREQUENCY: LOA CRITICALITY: MED  A1.1.3.3.1 INITIATE Select Flight Data Entry Form Select Flight Data Entry Format of message for aircraft or all FDE  A1.1.3.3.2 EXECUTE Select Flight Data Entry Forma Select Flight Data Entry Format 1 message Select Flight Data Entry Format 1 message Select Flight Data Entry Format 1 message Select Flight Data Entry Format 1 message TASK TYPE: C COORD MEDIA: FREQUENCY: LOA CRITICALITY: MED  A1.1.4.1.1 ENTER DEPARTURE/ EN ROUTE TIME MESSAGE TASK TYPE: C COORD MEDIA: FREQUENCY: LOA CRITICALITY: MED  A1.1.4.1.2 EXECUTE Departure message "monually enter departure time into flight data base" Departure  A1.1.4.1.3 DETECT Actual Departure Time in appropriate Flight Data Entry Format 1 of departure message Progress Report 1 ACTUAL TY MED  A1.1.4.1.4 INITIATE Departure message Progress Report 1 Media Departure Time 1 mappropriate Flight Data Entry 1 message Progress Report 1 Time Actual Departure Time 1 mappropriate Flight Data Entry 1 message Progress Report 1 Time Actual Departure Time 1 minute of departure message Progress Report 1 Time Actual Departure Time 1 minute Progress Report message Progress Report 1 Time Actual Time A	A1.1.3.2.2		Request_flight_Data_Readcut	1
Flight Dota Readout Area on Flight Dota Display  A1,1,3,3  REQUEST FLIGHT DATA ENTRY FORMAT CHANGE  TASK TYPE: E CORD MEDIA: FREQUENCY: LOW CRITICALITY: MED  A1,1,3,3,1  ANITIATE Swiect Flight Data Entry Form Select Flight Data Entry Form the message or aircraft or all FDE  A1,1,3,3,2  EXECUTE Select Flight Data Entry Form Select Flight Data Entry Format the message or assage and a message Select Flight Data Entry Format the sesage Select Flight Data Entry Format the sesage Select Flight Data Entry Format the sesage Select Flight Data Entry Format the sesage TASK TYPE: C CORD MEDIA: FREQUENCY: LOW CRITICALITY: MED  A1,1,4,1,1  INITIATE Departure message "monually enter departure time into flight data base"  A1,1,4,1,2  EXECUTE Departure message Departure  A1,1,4,1,5  DETECT Actual Departure Time in appropriate Flight Data Entry "result of departure message"  A1,1,4,1,4  INITIATE Progress Report message Progress Report Time Flight Data Entry 1 Time At Previous Posted Fix 1 Time At Previous Posted Fix 1 Time At Previous Posted Fix 1 Time At Previous Entry 1	A1.1.3.2.3	_Flight_Data_Readout_Area of _Flight_Data_Display *results of		
TASK TYPE: E CORR MEDIA: FREQUENCY: LOW CRITICALITY: MED  A1.1.3.3.1 INITIATE Select Flight Data Entry Form of the message for directify of all FDE  A1.1.3.3.2 EXECUTE Select_Flight_Data_Entry_Form of the message select_Flight_Data_Entry_Format of the message select_Flight_Data_Entry_Format of the message select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry_Format of Select_Flight_Data_Entry MED  A1.1.4.1.1 ENTER DEPARTURE/ EN ROUTE TIME MESSAGE  TASK TYPE: E C COORD MEDIA: FREQUENCY: LOW CRITICALITY: MED  A1.1.4.1.2 INITIALE Departure message meanually performate of Select_Flight_Data_Entry of Se	A1.1.3.2.4	_FIIght_Data_Readout_Area on	Flight_Data_Readout_Area Flight_Data_Display	
A1.1.3.3.1 INITIATE _Select_Flight_Data_Entry_Form at message for aircraft or all FDE  A1.1.3.3.2 EXECUTE _Select_Flight_Data_Entry_Form at message	A1,1.3.3	REQUEST FLIGHT DATA ENTRY FORMAT CHANGE		
A1.1.3.3.2 EXECUTE _Select_Flight_Data_Entry_Formo		TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
Al.1.3.3.3 DETECT system acceptance of Select_Flight_Data_Entry_Format 1 Select_Flight_Data_Entry_Format message	A1.1.3.3.1		Select_Flight_Data_Entry_Format	1
Select_Flight_Data_Entry_Format message  Al.1.4.1 ENTER DEPARTURE/ EN ROUTE TIME MESSAGE  TASK TYPE: C COORD MEDIA: FREQUENCY: LOW CRITICALITY: MED  Al.1.4.1.1 INITIATE Departure message **manually enter departure time into flight data base*  Al.1.4.1.2 EXECUTE Departure message Departure  Al.1.4.1.3 DETECT Actual Departure Time in oppropriate Flight_Data_Entry *result of departure message*  Al.1.4.1.4 INITIATE Progress_Report message Progress_Report 1  Al.1.4.1.5 EXECUTE Progress_Report message Progress_Report 1  Al.1.4.1.6 DETECT appropriate change in Time_At Previous_Posted_Fix in Time_At Previous_Posted_Fix in Time_At Previous_Posted_Fix in Flight_Data_Entry 1  Al.1.4.2 INITIATE TRACK MANUALLY  TASK TYPE: E/R COORD MEDIA: FREQUENCY: LOW CRITICALITY: HI	A1.1.3.3.2		Select_Flight_Data_Entry_Format	1
TASK TYPE: C COORD MEDIA: FREQUENCY: LOW CRITICALITY: MED  A1.1.4.1.1 INITIATE Departure message *monually enter departure time into flight data bose*  A1.1.4.1.2 EXECUTE Departure message Departure  A1.1.4.1.3 DETECT Actual Departure Time in appropriate Flight Data Entry *result of departure message*  A1.1.4.1.4 INITIATE Progress Report message Progress Report  A1.1.4.1.5 EXECUTE Progress Report message Progress Report  A1.1.4.1.6 DETECT appropriate change in Time At Previous Posted Fix 1 Time At Previous Posted Fix 1 Time At Previous Posted Fix 1 Time At Previous Posted Fix 1 Time At Previous Posted Fix 1 Time At Previous Posted Fix 1 Time At Posted	A1.1.3.3.3	DETECT system acceptance ofSelect_Flight_Data_Entry_Format message	Select_Flight_Data_Entry_Format	1
A1.1.4.1.1 INITIATE Departure message *manually enter departure time into flight data base*  A1.1.4.1.2 EXECUTE Departure message Departure 1 DEFECT Actual Departure Time in appropriate Flight Data Entry *result of departure message*  A1.1.4.1.5 DEFECT Actual Departure Time in Actual Departure Time 1 oppropriate Flight Data Entry *result of departure message*  A1.1.4.1.4 INITIATE Progress Report message Progress Report 1 DEFECT appropriate change in Time At Previous Posted Fix 1 Time At Previous Posted Fix, CTA At Posted Fix 1 Time At Previous Posted Fix 2 Time At Previous Posted Fix 2 Time At Previous Posted Fix 3 Time At Previous Posted Fix 3 Time At Previous Posted Fix 3 Time At Previous Posted Fix 3 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previous Posted Fix 4 Time At Previ	A1.1.4.1	ENTER DEPARTURE/ EN ROUTE TIME MESSAGE		
enter departure time into flight data base*  A1.1.4.1.2 EXECUTE _Departure message Departure 1  A1.1.4.1.3 DETECT _Actual _Departure _Time in		TASK TYPE: C COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.1.4.1.3  DETECT _Actual_Departure_Time in appropriate_Flight_Data_Entry *result of departure message*  OA1.1.4.1.4  INITIATE _Progress_Report message Progress_Report 1  A1.1.4.1.5  EXECUTE _Progress_Report message Progress_Report 1  A1.1.4.1.6  DETECT appropriate change in	A1.1.4.1.1	enter departure time into flight data	Departure	1
appropriate Flight_Data_Entry *result of departure message*  A1.1.4.1.4 INITIATE _Progress_Report message Progress_Report 1  A1.1.4.1.5 EXECUTE _Progress_Report message Progress_Report 1  A1.1.4.1.6 DETECT appropriate change in Time_At Previous_Posted_Fix 1	A1.1.4.1.2	EXECUTE _Departure message	Departure	1
A1.1.4.1.4 INITIATE Progress_Report message Progress_Report 1  A1.1.4.1.5 EXECUTE Progress_Report message Progress_Report 1  A1.1.4.1.6 DETECT appropriate change in Time At Previous Posted_Fix 1	A1.1.4.1.3	appropriate _Flight_Data_Entry		
A1.1.4.1.6  DETECT appropriate change in Time At Previous Posted Fix 1 Time At Previous Posted Fix, CTA At Posted Fix 1 CTA_At Posted Fix in directoft's Flight_Data_Entry 1 Flight_Data_Entry 1 A1.1.4.2  INITIATE TRACK MANUALLY  TASK TYPE: E/R COORD MEDIA: FREQUENCY: LOW CRITICALITY: HI	A1.1.4.1.4	<del>y</del>	Progress_Report	1
Time At Provious Posted Fix, CTA At Posted Fix 1 CTA At Posted Fix in directly 1 Flight Data Entry 1 A1.1.4.2 INITIATE TRACK MANUALLY  TASK TYPE: E/R CUORD MEDIA: FREQUENCY: LOW CRITICALITY: HI	A1.1.4.1.5	EXECUTE _Progress_Report message	Progress_Report	1
A1.1.4.2 INITIATE TRACK MANUALLY  TASK TYPE: E/R CUORD MEGIA: FREQUENCY: LOW CRITICALITY: HI	A1.1.4.1.6	_Time_At_Previous_Posted_Fix, _CTA_At_Posted_Fix_in_aircraft's	CTA_At_Posted Fix	1
	A1.1.4.2	INITIATE TRACK MANUALLY		
	<u></u>	TASK TYPE: E/R CUORD MEGIA:		
·	A1.1.4.2.1	INITIATE _Track message *start*		

	Task Eleme	ent Report		
TASK NUMBER /	TASK STATEMENTS / DATA		NO. OF	
ELEMENT NUMBE	AND R TASK ELEMENT STATEMENTS	OBJECTS		
1.1.4.2	INITIATE TRACK MANUALLY			
	TASK TYPE: E/R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI (Continued)		
1.1.4.2.2	EXECUTE _Track massage	Track	1	
1.1.4.2.3	DETECT Track Position Symbol and	Track Position Symbol	1	
	DETECT _Track_Position_Symbol and _Full_Data_Block on the _Situction_Display *results of track swart massage*		1	
1,1.4.3	OBSERVE AUTOMATIC TRACK START			
	TASK TYPE: R COURD MEDIA:	FREQUENCY: MED CRITICALITY: H1		
1.1.4 3.1	SCAN _Situation_Display for automatic track start	Situation_Display	1	
11.1.4.3.2	with target*		1	
11.1.4.4	RECEIVE DEPARTURE/ EN ROUTE TIME NOTICE			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI		
11.1.4.4.1	PERFORM VSCS, Receiving G/G Communications *notice of deporture/ en route time from a controller, FSS, or ATCT*			
11.1.4.4.2	O PERFORM TEM M.1, Receiving ATC Mail *notice of departure/en route time*			
A1.1.4.4.3	O PERFORM VSCS, Communicating Normally Air-To-Ground *notice fr m pilot of departure time or progress report*			
A1.1.4.75	ACKNOWLEDGE EMPHASIZED DEPARTURE MESSAGE			
	TASK TYPE: E COORD MEDIA:			
A1.1.4.75.1	INITIATE _Oeemphasize_Emphasized_Displa y_Item message	Deemphasize_Emphasized_Display_Item	1	
A1.1.4.75.2	<pre>EXECUTE _Deemphosize_Emphosized_Display _Item massage</pre>	Deemphasize_Emphasized_Display_Item	1	
A1.1.4.75.3	RECOGNIZE disappearance of emphasis of _Departure_Message on _Message_Composition_And_Response_Displa	Departure_Message Message_Composition_And_Response_Display	1	
A1.1.4.76	OBSERVE EMPHASIZED DEPARTURE MESSAGE			
	TACK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED		
A1.1.4.76.1	SC/N _Massage_Composition_And_Response_ Display for presents of departure message	Message_Composition_Ard_Response_Display	1	
A1.1.4.76.2	DETECT _Departure_Message_in _Message_Composition_And_Response_Dispin	Departura_Message Message_Composition_And_Response_Display	1	
ki.1.4.76. <b>3</b>	<pre>EXTRACT _ Departure_Neusage from _Message_Composition_And_kespunse_uispla</pre>		1	
A1.1.5.1	EVALUATE COMDITIONS FOR PROVIDING FLIGHT FOLLOWING			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LCW CRITICALITY: MED		
A1.1.5.1.1	ACQUIRE Position Swidel, Fell Data Block, Weather Descriptor on the Situation Display for information pertaing to workload and capability to provide flight following	Weather_Descrip≀or	30 27 2 1	

	Tosk Eleme	ent Report			
TASK NUMBER /	TASK STATEMENTS / DATA AND				
ELEMENT NUMBE			OBJECTS	NO. OF OBJECTS	
A1.1.5.1	EVALUATE CONDITIONS FOR PROVIDING FLIGHT FOLLOWING		***************************************		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED (Continued)		
A1.1.5.1.2	ACQUIRE 20_Flight_Data_Entry, and _Time on _Flight_Data_Display for information pertaining to workload and capability to provide flight following	Flig Time Flig	pht_Data_Entry pht_Data_Display	1 1 1	
A1.1.5.1.3	SYNTHESIZE mental traffic picture of current and expected workload using aircraft, altitude, route, time and weather information				
A1.1.5.1.4	DECIDE feasibility of providing flight following service				
A1,1,5,2	RECEIVE REQUEST FOR FLIGHT FOLLOWING			**********	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LOW	<b></b>	
A1.1.5.2.1	PERFORM TEM M.1, Receiving ATC Mail #flight following request from another controller#				
A1.1.5.2.2	O PERFORM VSCS, Receiving G/G Communications *request from another controller or from Flight Service Station for flight following service* O				
A1.1.5.2,3	PERFORM VSCS, Communicating Normally Air-To-Ground *receive a request for flight following from a pilot* C				
A1,1,5.2,4	SCAN Full Data Block onSituation_Display for presence of handoff alert indicator		l_Data_Black uution_Display	15 1	
A1.1.5.2.5	DETECT _Handoff_Alert_Indicator in _Full_Data_Block on Situation Display *another controller attempting to handoff an aircraft requesting flight following services*	Hanc Ful }	doff_Alert_Indicator 1_Data_Block	1	
A1.1.5.3	DENY FLIGHT FOLLOWING REQUEST			**************************************	
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LOW		
A1.1.5.3.1	PERFORM TEM M.2. Sending ATC Mail *deny flight following service*			*********	
A1.1,5. <b>3.</b> 2	PERFORM VSCS, Initiating G/G Communications *denial of flight following service to another controller or flight service station*				
A1.1.5.3.3	PERFORM VSCS, Communicating Normally Air-To-Ground *advising a pilct unable to provide flight following service*				
A1.1.5.4	REQUEST/ ASSIGN BEACON CODE TO AIRCRAFT				
	TASK TYPE: E/R/VC COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: MED		
A1.1.5.4.1	INITIATE Discrete Code Request message for dircraft desiring flight following	Dis	screte_Code_Request	1	

		Task Eleme				
TASK NUMBER / ELEMENT NUMBEI	task statements / and r task element state				OBJECTS	NO, OF OBJECTS
1.1.5.4	REQUEST/ ASSIGN BEACON CODE T					
			FREQUENCY:	MED	CRITICALITY: MED (Continued)	
1.1,5.4.2	EXECUTE _Discrete	e_Code_Request message		Dis	screte_Code_Request	1
1,1,5.4.3		mmunicating Normally ransponder beacon code*				
21.1.5.4.4	_Situation_Display in _Target_Positio			Sit Ide	ll_Dota_Block tuation_Display ent_Indicator rget_Position_Symbol	1 1 1
1.1,5.5	INFORM PILOT OF ALTERNATE IN	STRUCTIONS NECESSARY FOR	FLIGHT FOLL	.OWING	SERVICE	
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY:	LOW	CRITICALITY: MED	
1.1.5.5.1		mmunicating Normally dvise pilot of tions to enhance ight following*				
A1.1.6.1	OFFSET A DATA BLOCK		*			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY:	LOM	CRITICALITY: MED	
11.1.6.1.1	INITIATE Manual message to reloca	ly Offset Data Block		Ma	nually_Offset_Data_Block	1
A1.1.6.1.2	EXECUTE _Monual1 message	y_Offset_Data_8lock	Manually_Offset_Data_Block		1	
A1.1.8.1.3		•	Data_Block Situation_Display		1 1	
A1.1.6.2	UPDATE/ REVISE CONTROLLER NO					
	TASK TYPE: E	COORD MEDIA:	FREQUENCY:	LOM.	CRITICALITY: LOW	
A1.1.6.2.1					ntroller_Note	1
A1.1.6.2.2	EXECUTE _Control	ller_Note message		Co	ontroller_Note	1
A1.1.6.2.3		lar_Note message results er_Notepad_Display		Co Co	ontroller_Note ontroller_Notepad_Display	1
Δ1.1.6.3	DELETE FLIGHT DATA ENTRY AND	D FULL DATA BLOCK FROM A	TO SYSTEM			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: LOW	
A1.1.6.3.1	INITIATE _Orop_F	Flight_Plan message		<b>D</b> r	-op_Flight_Plan	1
A1.1.6.3.2	EXECUTE _Drop_F	light_Plan message		Dr	-op_Flight_Plan	1
A1.1.6.3.3		ry from the		S: F:	ull_Data_Block ituation_Display light_Data_Entry light_Data_Display	1 1 1 1
A1.1.6.5	SUPPRESS DISPLAY OF FLIGHT (	DATA ENTRY AND FULL DATA	8LOCK FROM	ALL D	ISPLAYS IN OWN SECTOR SUITE	
	TASK TYPE: E	COORD MEDIA:	FREQUENCY	FOM.	CRITICALITY: LOW	
A1.1.6.5.1	INITIATESuperc Flight_Data_Entr	ess_Full_Data_Block_And_ y message		S	uppress_Full_Data_Block_And_Flight_Da	ta_Entr 1

	Task Elem	ent Report
task numbër /	TASK STATEMENTS / DATA / AND	NO. OF
ELEMENT NUMBE	ER TASK ELEMENT STATEMENTS	OBJECTS OBJECT
A1.1.6.5	SUPPRESS DISPLAY OF FLIGHT DATA ENTRY AND FULL DATA	BLOCK FROM ALL DISPLAYS IN OWN SECTOR SUITE
	TASK TYPE: E COORD MEDIA:	
A1.1.6.5.2	INDICATE _ Flight_Identification to theSuppress_Full_Data_Block_And_Flight_Data_Entry message	Flight_Identification 1 Suppress_Full_Data_Block_And_Flight_Data_Entr 1
A1.1.6.5.3	EXECUTESuppress_Full_Data_Block_And_F light_Data_Entry message	Suppress_Full_Data_Block_And_Flight_Data_Entr 1
A1.1.6.5.4	RECOGNIZE suppression of appropriate _Full_Data_Black on the _Situation_Display and the removal of the _Flight_Data_Entry from the _Flight_Data_Display	Flight_Data_Display 1 Flight_Data_Display 1
A1.1.6.6	RESTORE DISPLAY OF FLIGHT DATA ENTRY AND FULL DATA E	BLOCK TO ALL DISPLAYS ON OWN SECTOR SUITE
<b></b>	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED
A1.1.6.6.1	INITIATE _Restore_Full_Data_Block_And_F light_Data_Entry message	Restore_Full_Data_Block_And_Flight_Data_Entry 1
A1.1.6.6.2	EXECUTE _Restore_Full_Data_Block_And_Flight_Data_Entry message	
A1.1.6.6.3	DETECT appearance of _Full_Data_Block on the _Situation_Display or _Flight_Data_Entry on the _Flight_Data_Display	Full_Data_Block 1 Situation_Display 1 Flight_Data_Display 1 Flight_Data_Display 1
A1.1.6.7	SUPPRESS DATA BLOCK FROM ALL DISPLAYS IN OWN SECTOR	SUITE
ļ	TASK TYPE: E. COORD MEDIA:	
A1.1.6.7.1	INITIATE Suppress Full Data Block message for removal of Full Data Block from sector suite	Suppress_Full_Data_Block 1
A1.1.6.7.2	EXECUTE _Suppress_Full_Data_Block message	Suppress_Full_Data_Block 1
A1.1.6.7.3	RECOGNIZE removal of appropriate _Full_Data_Block from the _Situation_Display in own sector suite	Full_Data_Block 1 Situation_Display 1
A1.1.6.8	RESTORE DATA BLOCK TO ALL DISPLAYS IN OWN SECTUR SU	/ITE
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED
AT.1.6.8.1	INITIATE _Display_Full_Data_Block message for display in own sector suite	Display_Full_Data_Block 1
A1.1.6.8.2	EXECUTE _Display_Full_Data_Block message	Display_Full_Data_8lock 1
A1.1.6.8.3	DETECT appearance of _Full_Data_Block	
A1.1.6.9	SUPPRESS FLIGHT DATA ENTRY FROM ALL DISPLAYS IN OWN	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW
A1.1.6.9.1	INITIATE _Suppress_Display_Of_An_FDE message for own sector suite	Suppress_Display_Of_An_FDE 1

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TASK NUMBER	TASK STATEMENTS / DATA		NO. 0F
ELEMENT NUMBE	ER TASK ELEMENT STATEMENTS	OBJECTS	OBJECTS
A1.1.6.9	SUPPRESS FLIGHT DATA ENTRY FROM ALL DISPLAYS IN CAN		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW (Continued)	
A1.1.6.9.2	EXECUTE _Suppress_Display_Of_An_FDE message		1
A1.1.6.9.3	RECOGNIZE removel of appropriate _Flight_Data_Entry from _Flight_Data_Display	Flight_Data_Entry Flight_Data_Display	1
A1.1.6.10	RESTORE FLIGHT DATA ENTRY TO ALL DISPLAYS IN OWN SE	ECTOR SUITE	
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
A1.1.6.10.1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1
A1.1.6.10.2	EXECUTE _Request_Flight_Data_Entry message	Request_Flight_Oata_Entry	1
A1.1.6.10.3	DETECT appearance of _Flight_Data_Entry on _Flight_Data_Display *results of request flight data entry message*	Flight_Data_Display	1
A1 1.6.11	ENTER FDE NOTATIONS		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: HI CRITICALITY: I.CM	
A1.1.6.11.1	INITIATE _Enter_FDE_Notation message to enter a flight data entry notation *FDEN*	o Enter_FDE_Notation	1
A1.1.6.11.2	EXECUTE _Enter_FDE_Notation message	Enter_FDE_Notation	1
A1.1.6.11.3	DETECT appearance of _Flight_Data_Entry_Notation *FDEN* in appropriate field of _Flight_Data_Entry on Flight Data Display	Flight_Data_Entry_Notation Flight_Data_Entry	1
A1.1.6.12	DELETE FDE NOTATIONS		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.1.6.12.1	INITIATEDelete_FDE_Notation message to delete a flight data entry notation *FDEN*		1
A1.1.6.12.2	EXECUTEDelete_FDE_Notation message	Delete_FDE_Notation	1
A1.1.6.12.3	RECOGNIZE removal of _FDE_Notation from _Flight_Data_Entry on _Flight_Data_Display	m FDE_Notation Flight_Data_Entry Flight_Data_Display	1 1
A1.1.6.13	RESEQUENCE FLIGHT DATA ENTRY MANUALLY		
ŧ	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
A1.1.6.13.1	INITIATE _Manually_Post/Order_FDE message to resequence flight data entry position on flight data display	Manually_Post/Order_FDE y	1
A1.1.6.13.2	EXECUTEManaully_Post/Order_FOE me:sage	Manaully_Post/Order_FDE	1
A1.1.6.13.3	DETECT new location of _Flight_Dato_Entry on _Flight_Data_Display	Flight_Data_Entry Flight_Data_Display	1

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TACK NIMBER	TASK STATEN / AN ER TASK ELEMEN	MENTS / DATA			NO, OF
ELEMENT NUMBE				CBJECTS	OBJECTS
A1.1.6.14	DELETE CONTROLLER NOTE				
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
A1.1.6.14.1	INITIATE	_Controller_Note message to Formation from controller			1
A1.1.6,14.2	EXECUTE -	Controller_Note message	Contr	roller_Note	1
A1.1.6.14.3		deletion of appropriate text oller_Notepad_Display	Contr	roller_Notepad_Display	1
A1.1.6.15	DELETE SCRATCH PAD DA	ATA IN FULL DATA BLOCK			
		COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
A1.1.6.15.1		_Delete_Scratch_Pad_Data		te_Scratch_Pad_Data	1
A1,1.6.15.2	EXECUT message	_Delete_Scratch_Pad_Data	<b>D</b> elet	ete_Scratch_Pad_Data	1
A1.1.6.15.3	RECOGNIZE from _Full	removal of _Scratch_Pad_Data 1_Data_Block	Full	otch_Pad_Data :_Data_Block	1 1
A1.1.6.52	REMOVE OBSOLETE PAPER	R RECORDS OR RECORDED DATA			
		COORD MEDIA:	FREQUENCY: MED	CRITICALITY: LOW	
A1.1.6.52.1	DETECT pap	per records			,
1		A/O per records #deadwood#			
A1.1.6.75	DELETE FLIGHT DATA EF	NTRY AND FULL DATA BLOCK FROM L			,
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
A1.1.\$.75.1		_Orop_Flight_Plan_Internal		p_Flight_Plan_Internal	1
A1.1.6.75.2	EXECUTE message	_Drop_Flight_?lan_Internal	Drop	p_Flight_Plan_Internal	1
A1.1.6.75.3	from Situa	Eremoval of Full Data Block Jation Display and removal of Jatu Entry from Flight Data			
A1.2.1.1	DETECT AIRCRAFT CONF	FLICT ALERT INDICATION			
İ	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: EXT	
A1,2.1.1.1	SEARCH _ for prese	Alert_And_Resolution_Display ence of alerts	Aler	rt_And_Resolution_Display	1
A1.2.1.1.2		_Conflict_Alert forced on the nd_Resolution_Display A/G		flict_Alert rt_And_Resolution_Display	1
A1.2.1.1.3	SEARCH _ _Situation alerts	_Data_Block on on_Display for presence of		o_8lock uation_Display	27 1

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TASK NUMBER /	TASK STATEMENT AND	S / DATA			NO. OF
ELEMENT NUMBE	/ AND ER TASK ELEMENT S	TATEMENTS		08JECTS	OBJECTS
1,2,1.1	DETECT AIRCRAFT CONFLICT				
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: EXT (Continued)	
11.2.1.1.4	DETECT Confl Full Data Blo Display	ict_Alert_Indicator in ck forced on the Situation	Con Ful	flict_Alert_Indicator 1_Data_Block	1 2
11.2.1.1.5		/O ht_Data_Entry on Display for presence of		ght_Data_Entry ght_Dato_Display	2Ø 1
41.2.1.1.6	DETECT Confl Flight_Bata_E Display	lict_Alert *fDEN* in Entry on Flight Data		flict_Alert ght_Data_Entry	1 2
A1.2.1.2	DETERMINE VALIDITY OF PO	TENTIAL AIRCRAFT CONFLICT NO	OTICE OR INDICATION	l	
~	TASK TYPE: A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
A1.2.1.2.1	_Situation_Oi velidate the indication or	ock and Time on splay fer information to aircraft conflict notice	Position_Symbol Full_Data_Block Time Situation_Display		30 27 1 1
A1.2.1.2.2	ACQUIRE Fli Flight_Data	/O ght_Oata_Entry, _Time on Display for information to aircraft conflict notice	Tir	ight_Data_Entry ne ight_Uata_Display	2 <b>0</b> 1 1
A1.2.1.2.3	alent, noute regard to the	ed, altitude, conflict and time information with current/projected the two aircraft involved			
A1.2.1 7 4		ent situation with pilot ad/ or planned control			
A1.2.1.2.5		ty of conflict alert(s) in a of the mental traffic			
A1.2 1.3	RECEIVE CONTROLLER NOTIC	E OF POTENTIAL AIRCRAFT CON	FLICT IN SECTOR		
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOH	CRITICALITY: EXT	
A1 2.1 3.1		Receiving G/G ns *notice of potential flict*			
A1.2.1.4	INFORM CONTROLLER OF PO	TENTIAL AIRCRAFT CONFLICT IN			*********
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LON	CRITICALITY: EXT	
A1.2 1.4.1	Communication	, Initiating G/G ns *potential aircraft other sector*			
A1.2.1.5	FORWARD NOTICE OF AIRCR	AFT CONFLICT TO SUPERVISOR			
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LOW	
A1.2.1.5.1	#aircraft co	M.2, Sending ATC Mail nflict* O			<del></del>

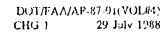
		1434 5180	ant Report			~~~~~
TASK NUMBER /	TASK STATEMENT					NO. OF
ELEMENT NUMBER	TASK ELEMENT S				OBJECTS	OBJECTS
1.2.1.5 FOR		T CONFLICT TO SUPERVISOR				
			EREQUENCY:	i nu	CRITICALITY: LOW (Continued)	
1.2.1.5.2		Initiating G/G				
1.2.1.3.2		*circraft conflict*	•			
1. 1.7 REV	IEW POTENTIAL CONFLICT	SITUATION FOR RESOLUTION				
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY:	r'om	CRITICALITY: EXT	
1.2.1.7.1	ACQUIRE _Posi	tion_Symbol, _Data_Block,		Posi	tion_Symbol	2
	_Position_Hist involved* on	ory_ *of aircraft _Situation_Display			_Block tion_History	2 2
	regarding pote	ential conflict		Situ	ction_Display	ī
1.2.1.7.2	time informat: picture with r	citude, speed, aircraft and ion into a mental traffic regard to the separation of conflict aircraft				
1,2,1,7,3	EVALUATE need aircraft conf	to resolve potential lict				
1.2.1.8 DE	TERMINE APPROPRIATE AC	TION TO RESOLVE AIRCRAFT CO				
	TASK TYPE: A	COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: EXT	
11.2.1.8.1	aircraft conf mental traffi conflict reso	ction needed to resolve lict situation considering c picture and available lution options/ advisories AFT CONFLICT SITUATION		<b></b>	·	
		COORG MEDIA:	FREQUENCY:	MED	CRITICALITY: EXT	
1 2,1,9 1		ition_Symbol, _Bata_Block,			tion_Symbol	3Ø
	Background D Situation Di Violations of standards	escriptor on the splay for patential aircraft separtation		Data Back	s_Block rground_Descriptor untion_Display	27 1 1
	ACOLINE FIX	,0 gnt Data Entry, Time on		Flia	ght Data Entry	28
	Flight Data Indicating a	Display for information condition evolving into indured separation between		Time	pht_Data_Display	1
	infermation i pleture muit	titude, speed, and route nto a mental traffic h regard to potential lict situations*				
41.2 1.9 a	RECOGNIZE pot situation	ential aircraft conflict				
A1.2.2.1 DE	YECT MSAW INDICATION O					
	TASK TYPE: R	COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: EXT	
A1.2.2,1,1	Alert And Re	Nock on Situation Display, solution Display, and Aural for presence of alerts		Sit	a_Block uation_Display rt_And_Resolution_Display	27 1
	DETECT Mini	imum Safe Atlitude Warning		Min	imum_Safe_Atlitude Warning	1

		Task Elem	ent Report				
TASK NUMBER	TASK STATEMENTS / AND	/ DATA				NO. CF	
ELEMENT NUMB	ER TASK ELEMENT STA	ATEMENTS			OBJECTS	OBJEC1	
A1,2 2 1	DETECT MSAW INDICATION OR	AL APM					
	TASK TYPE: R	C00RD (* .:	FREQUENCY:	LOM	CRITICALITY: EXT (Continued)		
A1 2 2 1.5	DETECT Minimu and/ or _Aurol_ Alert And_Reso			Auro	mum Safe Altitude Worning il Alarm t_And_Resolution_Display	1 1	
A1.2 2 1.4		minate_Auditory_Coution/W			ninate_Auditory_Caution/Warning_Alerm	1	
41.2.2.1.5	*EXFCUTE _Term roing_Alarm mes	inate_Auditory_Caution/Wo sage		Ter n	ninate_Auditory_Coution/Harning_Alarm	1	
41.2.2.1.6	*RECOGNIZE diss alarm from audi	oppearance of MSAW aurol o environment					
41.2.2.2	FORWARD NOTICE OF VALID MS	AW OR FLIGHT ASSIST TO SUP	ERVISOR		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	· <b></b> ·	
	TASK TYPE. E/VC	COORD MEDIA: V/M	FREQUENCY:	LOW	CRITICALITY: LOW		
#1 2 2 2.1	PERFORM TEM M.2 MMSAWW or flight O	, Sending ATC Mail assist#					
A1.2.2 2.2	PERI-CRM VSCS, Communications	Initiating G/G *MSAW or flight assist*					
41.2.2.3	RECEIVE CONTROLLER NOTICE	OF POTENTIAL MESAN IN SECTO	ж				
:-::	TASK TYFE: VC	COORD MEDIA: V	FREQUENCY:	LOW	CRITICALITY: EXT		
A1.2.2.3.1	PERFORM VSCS, Communications MSAL#	Receiving G/G *notice of potential					
A1.2.2 4	INFORM CONTROLLER OF POTEN	(1) AL MSAU IN HIS SECTOR	· ·			<b></b>	
	TASK TYPE. VC	COORD MEDIA: V	FREQUENCY:	LOH	CRITICALITY: EXT		
A1,2,2,4,1	PERFORM VSCS, Communications sector*	Initiating G/G ™potential MSAN in		<del>-</del>		******	
ø1.2.2.5	PERCEIVE POTENTIAL LOW ALT	TITUDE SITUATION				- <b></b>	
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY:	ME.D	CRITICALITY: EXT		
A1.2 2.5.1	_Background_Des	clay for potential low		Dat Bac	ition_Symbe) a_Bleck kground_Dwscriptor untion_Display	30 27 1	
A1.2.2.5.2	_Flight_Oata_0	nt_Data_Entry, _Time on isplay for information ditions developing into a		Fli Tim	gnt_Cata_Entrv	28 1 1	
A1.2.2.5.3	INTEGRATE alti- terrain, nonco time informat.	tude, route, obstruction/ informance indication and on into a mental picture o potenzial low altituda					
41-2.2.5.4		nuial low altitude					

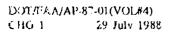
			Tosk Elem	ent Report			
TASK NUMBER / ELEMENT NUMBE		TASK STATEMEN AND TASK ELEMENT			OBJEC.	75	NO. OF
11.2.2.6	DETERMINE	VALIDITY OF MS	AW MOTICE OR INDICATION		<b>-</b>		
			COORD MEDIA:	FREQUENCY: LOW	√ CRI	TICALITY: HI	
A1.2.2.6.1		SEARCH _Geog _Background_C _Situation_Di terrain featu	raphic_Map_Data in Wescriptor on the splay for obstruction and		Geographic	Map_Data _Duscriptor	1 1
11.2.2.6.2		SEAPCH Stol	dc_Information_Display		Static_Inf	ormation_Display	1
A1.2.2.6.3		n mental pict current/ proj	ne ucquired infr mation into Lure with regard to the Lected proximity of the Labstructions/ terrain				
41.2.2.5.4			progrent MSAW situation with lors and/ or planned control				
A1.2.2 6.5			olidity of the MSAN in or the mental traffic				
 A1.2.2.7	DETERMINE	APPROPRIATE A	CITON TO RESOLVE LOW ALTITUD				····
	TASK	TYPE: A	COORD MEDIA:	FREQUENCY: LO	W CRI	ITICALITY: EXT	
41.2.2.7.1		altitude sit	action needed to resolve low untion considering mental une and available conflict actions				
A1,2,3,1	INFORM CO	NTROLLER GE PO	TENTIAL AIRSPACE CONFLICT IN	HIS SECTOR			***********
			COORD MEDIA: V/M		LL CR	ITICALITY: EXT	
A1.2.3.1.1		FERFORM VSCS Communication	, Initiating G/G ns *potential airspace other sector* C				
A1.2.3 1.2		PERFORM TEM	M.2, Sending ATC Mail irspace conflict in other				
A1.2.3.2	RECEIVE C	CONTROLLER NOTI	CE OF POYENTIAL AIRSPACE CON	FLICT IN SECTOR	· · · · · · · · · · · · · · · · · · ·		
	TASA	CTYPE: VC	COOKO MEGIA: V	FREQUENCY: LO	DLI CR	ITICALITY: EXT	
41.2.3.2.1		Communicatio	Receiving G/G ris = movice of potential space conflict offecting				
A1.2.3.3	nequest r	RELEASE OF SPEC	CIAL USE AIRUPACE				
- · ·		C TYPE: E/VC	CGORD MEDIA: V/M	FPEQUENCY: LO	OM CR	ITICALITY: MED	
A1.2.3.3.1		PERFORM TEM	M.2. Sending ATC Moil release of Special use				

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TACK NEMDED /	TASK STATEMENTS / DATA		NO. OF
TASK NUMBER / ELEMENT NUMBER	R TASK ELEMENT STATEMENTS	OBJECTS	OBJECT
	REQUEST RELEASE OF SPECIAL USE AIRSPACE		
	TASK TYPE: E-VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED (Continued)	
11,2.3.3.2	PERFORM VSCS, Initiating G/G Communications *request for relegsa of special use dirspace*		# <b>-</b>
11.2.3.4	RECEIVE OFNIAL OF USE OF SPECIAL USE AIRSPACE		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LCH CRITICALITY, MEU	
41.2.3.4.1	PERFORM TEM M.1, Receiving ATC Mail *denial of use of special use nirspaca* O	,,	
41.2 3 4 2	PERFORM VSCS. Receiving G/G Communications #denial of use of special use airspace#		
A1,2 3 5	RECEIVE APPROVAL FOR USE OF SPECIAL USE AIRSPACE		
	TASK TYPE: R/VC COORD MEDIA, V/M	FREQUENCY: LOW CRITICALITY, MED	
A1.2.3.5,1	PERFORM TEM M.1. Recurving ATC Mail Mapproval for use of special use airspace# D		
A1,2 <b>3</b> 5.2	PERFORM VSCS. Receiving G/G Communications *approval of use of special use Girspace*		
A1.2.3.7	PERCEIVE POTENTIAL AIRSPACE CONFLICT SITUATION		
	YASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED CRITICALITY: HI	
A1.2.3 7,1	ACQUIRE Position_Symbol, _Data_Block, _Bockground_Descriptor, orSituation_Display for potential violations of aircraft separation standards	Position Symbol Data Block Bockground Descriptor Situation Display	38 27 1 1
A1.2.3.7.2	A/O  ACQUIRE Special Use Airspace Status on the System Status (Data Display for information on Special Use Airspace A/O	Special_Use_Airspace_Status System_Status_Data_Display	1
A1.2 3.7 5	ACQUIREFlight_Data_Entry, _Time onFlight_Data_Eisplay for information pertaining to possible isolation of airspace separation standards	Flight_Data_Entry Time Flight_Data_Display	2 <b>8</b> 1 1
A1 2 3,7,4	SYMTHESIZE altitude, route, special use girspace, aircraft type, speed and time information into a mental traffic picture with regard to violation of girspace separation standards		
A1.2.3 7.5	RECOGNIZE potential aircraft to airspace conflict		
A1 2 3 8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE CO	W'LICT SITUATION	
	TASK TYPE: A COURD MEDIA:	FREQUENCY, LC CRITICALITY, HI	
A1.2 3 8 1	DECIDE upon action needed to resolve aircraft-to-airspace conflict situation considering mental traffic picture and available conflict resolution options		

		TASK STA	TEMENTS	/ DATA			
TASK NUMBER ELEMENT NUMB	/ ER	TASK ELE	AND	ATEMENTS		OBJECTS	NO. OF OBJECT
11.2.3.75	DETERMINE	VALIDITY	OF AIRS	PACE CONFLICT NOTICE			******
	TASK	TYPE: A		COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
41.2.3.75.1			ot inte	e conflict indication entions and/ or planned			
41.2.3.75.2		DETERMIN notice	Æ valid	dity of dirs, ace conflict			
A1.2.4.1	OBSERVE DI	ISPLAY FOR	₹ FIXED	OBSTRUCTIONS THAT MAY INTE	RFERE WITH AIRCRAF	T FL!GHT	
	TASK	TYPE. R/	<b>′</b> A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
A1.2.4.1.1		Bnckgou	und_Desc ion Disp		Dat Bad	sition_Symbol .o_Block ckgound_Descriptor .uation_Display	30 27 1 1
A1,2.4.1.2		Flight	_Fligt _Data_D nt to a	nt Data_Entry, _Time on isplay for information areaft/ obstruction	Tin	ight_Data_Entry ne ight_Dato_Display	20 1 1
A1.2.4.1.3		mental :	t, and traffic	itude, route, obstruction, t,me information into a picture with regard to uction clearance			
A1.2.4.1.4		RECOGNII aircraf violati	t-to-ob	struction separation			
A1.2.4.3	FÜRMÜLATE	AŨV Í SÛKY,	/ \$A+ti	Y ALERI CONIENT			· g ~ b ~ U . · v
	TASK	TYPE: A		COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
A1.2.4.3.1		=odvice	and in	ents of Advisory Service formation to assist pilot t of flight		777777777777777777777777777777777777777	
A1,2.4.3.2		#odvice critico conduct	TE cont and in it natur of fla				
				IN RESPONSE TO ADVISORY/	LEKT		
	TASK	CTVPE; R	t/A	COORD HEDIA:	EPEQUENCY: LOS	CRITICALITY. HI	
A1,2.4.4.1	·	Full D for inf	Dāta_Blo Turmātic	ion_Symbol and ook un_Situation_Display on pertaining to aircraft n response to advisory	Fu	sition_Symbol ull_Data_Block ituo.ion_G'splay	1 1
A1,2,4,4,2		of_Post	ition_Si	s in covernou mbol and _Full_Datu_Block _Oisplay	Fu	osition_Symbol Jll_Data_Black ituation_Dispiay	1 1 1
A1.2.4.4.5		full_[	λυξο Βιο	lian_Symbol and ock movement to contents o ifety alent		osition_Symbol Jli_Data_Block	1 3

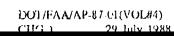


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	T.00 0T.TCMC170	1 34=4			1
TASK NUMBER / ELEMENT NUMBE	TASK STATEMENTS AND R TASK ELEMENT ST.	ATEMENTS		OBJECTS	NO. OF OBJECTS
A1.2.4.4	DETECT AIRCRAFT MANEUVER I	N RESPONSE TO ADVISORY/ AL			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	(Continued)
A1.2,4,4,4		compliance with advisory			
	or safety alert	,			
A1.2.4.5	ISSUE TRAFFIC ADVISORY/ SA	FETY ALERT IN REGARD TO TE			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: EXT	
A1.2.4.5.1		Communicating Normally			
	Air-To-Ground alert*	*traffic advisory/ safety			
A1.2.4.6	INFORM PILOT WHEN CLEAR OF				
		COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: LOW	
A1.2.4.6.1	Air-To-Ground	communicating Normally *inform pilot clear of			
	traffic*				
A1.2.4.7	ISSUE ADVISORY IN REGARD 1				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
A1.2.4.7.1	PERFORM VSCS,	Communicating Normally			
	Air-To-Ground non-controlled	*advisory in regard to object*			
A1.2.4.8	INFORM PILOT WHEN CLEAR OF				
		COORD MEDIA: V	FFEQUENCY: LOW	CRITICALITY: LOW	
A1.2.4.8.1	PERFORM VSCS. Air-To-Ground non-controllad	Communicating Normally *pilot clear of cbject*			
A1.2.4.9	ISSUE ADVISORY IN REGARD	TO RESTRICTED AIRSPACE PRO	YTIMIXC		
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALIT/: MED	
A1.2.4.9.1		Communicating Normally *udvisory in regard to space*			
A1.2.4.1b	ISSUE AUVISUMY IN REGARD	TO FLIGHT PLAN DEVIATION			*****
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOU	CRITICALITY: MED	
A1.2.4.10.7		Communicating Normally Madvisory in regard to viction#			
A1.2.4 12	TSSUE SALETY ALERT IN HIG	ARD TO MINIMUM ALTITUDE			
		COORD MEDIA: V	FREQUENCY: LOW	CRITICAL 11V+ FYT	
A1.2.4.12.1		Communicating Normally			· * >===================================
	31r -To-U: ound	*Safety alert in regard rout./ obstruction			
A) (2.4, 13	0356RIE DISPLAY FOR NON-C	ONTROULE() AIRBORNE CBUECTS	S THAT MAY INTERFE	RE WITH AIRCRAFT FLIGH	
	TASK TYPE: R/A			CRITICALITY: HI	
£1,2,4,73.1	SCAN Positio				30 27
		direneft/ non-controlled		Atual on Display	1



			ent Report		~~~~~			
TASK NUMBER /	TASK STATEMENTS	/ DATA		00 15070	NO. OF OBJECTS			
	ER TASK ELEMENT STATEMENTS 08JECTS							
A1.2.4.13 (	OBSERVE DISPLAY FOR NON-CO	INTROLLED AIRBORNE OBJECTS	THAT MAY INTERFERE					
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI (Continued)				
A1.2.4.13.2	DETECT Positi	on_Symbol that is not a tracked targets		ition_Symbol	1			
A1.2.4,13.3	of non-controll	tude, route, and position led object(s) into a picture relative to ffic						
A1.2.4.13.4		n-controlled uirborne ill interfere with traffic						
A1.2.4.14		RY/ SAFETY ALERT/ CLEARANCE	Ē					
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI				
A1.2.4.14.1		ntal traffic picture to roller course of action						
A1.2.4.14.2	DECIDE the app *advisory, sa	propriate course of action fety alert, or clearance*						
A1.2.5.2	SUPPRESS CONFLICT ALERT FO							
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW				
A1.2.5.2.1	INITIATE _Sup	press_Conflict_Alert_Fair	Sup	opress_Conflict_Alert_Pair	1			
A1.2.5,2,2	EXECUTE _Suppi	ress_Conflict_Alert_Pair	Sup	ppress_Conflict_Alert_Pair	1			
A1.2.5.2.3	conflict alert	•						
A1.2.5.5	SUPPRESS MSAW FUNCTION FO				***********			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: 1.04				
A1.2.5.5.1	INITIATE SUP	press_MSAW_Alert message	Sup	poress_MSAW_Alert	1			
A1.2.5.5.2	EXECUTE _Supp	ress_MSAW_Alert m:ssage	Sup	opress_MSAW_Alert	1			
A1.2.5.5.3		sm acceptance of LAlert massage	Sup	opress_MSAW_Alert	1			
A1.2.5.75	DETERMINE VALIDITY/ APPRO	PRIATEMESS OF DISPLAY OF A						
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI				
A1.2.5.75.1		lict_Ale: Indicator, polDuta_Block, and	Cor	nflict_Alert_Indicator sition_Symbol	1 30			
	-Background De -Situation Dis Violation 67 c standards	escriptor on splay for pritential since of the separation of the s	Dat Bac	to_Block ckground_Descriptor tuation_Display	27 1 1			
A1.2.5.75.2	Alert_And Res	flict_flert_Indicator on solution_Bisplay for ertaining to unsafe		nflict_Alert_Invicator ert_And_Resolukton_Display	1 1			

	Task Ele	ment Report	******	~~~~~
TASK NUMBER				NO. CF
ELEMENT NUMB			OBJECTS	OBJECTS
11.2.5.75				
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
41.2.5.75.3	ACQUIRE _flight_Dato_Entry on _flight_Dato_Display for information pertaining to ensafe condition advisory A/O	Flig	ht_Duto_Entry ht_Duto_Display	1
11.2.5.75.4	ACQUIRE Precipitation_Intensity *graphic ATC rodor weather* from _Situation_Display _A/O		eipitation_Intensity lation_Display	1
41.2.5.75.5	ACQUIRE Abronautical And Meteorological Information for weather data not available to TAAS			
11.2.5.75.6	SYNTHESIZE altitude, route, speed weather, and pilot intentions into a mental traffic picture			
A1.2.5.75.7	COMPARE mental traffic picture with pilot's intentions and/ or planned control actions			
A1.2.5.75.8	DECIDE if _Conflict_Alert_Indicator on _Situation_Display is appropriate _A/O		flict_Alert_Indicator uation_Display	1 1
A1.2.5./5.9	DECIDE if _Conflict_Alert_Indicator on _ Alert_And_Resolution_Display is appropriate	Conf Aler	flict_Alert_Indicator rt_And_Resolution_Display	1
A1.2.5.76	RESTORE SPECIFIC ALER'T FUNCTION TO NORMAL			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
A1.2.5.76.1	INITIATE Request Conflict Alert Pair message to restore to normal alert functionality	Requ	uest_Conflict_Alert_Pair	1
A1.2.5.76.2	EXECUTE _Request_Conflict_Alert_Pair message	Requ	uest_Conflict_Alert_Pair	1
A1.2.5.76.3	DETECT system acceptunce of request conflict elect pair message			
A1.2.5.76.4	INITIATE Restore_MSAM_Alent message	Rest	torc_MSAW_Alert	1
A1.2.5.76.5	EXECUTERestore_MSAW_Alert messoge	Res	tore_MSAW_Alert	1
A1.2.5.76.6	DETECT system acceptance of restore MSA alert message	W		
A1.3.1.1	EVALUATE TRASFIC MANAGEMENT CONSTRAINTS FOR EFFECT			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED	CRITICALITY: MED	
A1.3.1.1.1	ACQUIRE Position_Symbol, _Data_Block, _Background_Descriptor, _ Weather Discriptor onSituation_Display for information pertaining to traffic management restrictions	Оu+; Вас <b>Ш</b> еа	ition_Symbol a_Block kground_Descriptor uther_Descriptor .uation_Display	30 27 1 2 1
A1.3.1.1.2	A/O  ACQUIRE Flight Data Intry, Time on Tlight Data Display for information pertaining to potential violation of flow restrictions  A/O	Tim	ight_Datu_Entrv ne ight_Dato_Lisplay	20 1 1





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TASK NUMBER / ELEMENT NUMBE	A ::: R TASK FLEMENT STA	TEMENTS		OBJECTS		NO. OF OBJECTS		
1.3.1.1	EVALUATE TRAFFIC MANAGEMENT	CONSTRAINTS FOR EFFECT O	N TRAFFIC FLOH	TRAFFIC FLOH				
	TASK TVPE: R/A	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: ME	D (Continued)			
11.3.1.1.3	SEARCH Traffic M for flow constra	anagement Information ints						
X1.3,1.1.4	traffic manageme	, altitude, speed, and nt into a mental traffic and to the impact of the						
41.3.1.1.5	EVALUATE traffic for effect on tr	munagement information offic flow						
1,3.1,2	CHOOSE OPTION TO BRING AIRC	RAFT INTO CONFORMANCE WIT	H TRAFFIC MANA	GEMENT RESTRICTIONS				
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LO	i CRITICALITY: M	ED			
A1.3.1,2.1		t positions and movement a_Entry and				27 1		
A1.3.1.2.2	COMPARE traffic constraints	to traffic management						
41.3.1,2,3		/ reroute aircraft to nto conformance with						
A1.3.1,2.4	DECIDE to change	altitude of aircraft to nto conformance with						
A1.3.1,2.5	DECIDE to change	speed of aircraft to nto conformance with						
A1.3.1.2.6	DECIDE to hold o	direcast to bring informance with flew						
A1. <b>3.</b> 1. <b>3</b>	DISCUSS DISCONTINUANCE OF	RAFFIC MANAGEMENT RESTRI		REROLITE WITH SUPERVISO				
	TASK TYPE: A/YC	COORD MIDIA: V	FREQUENCY: LO	W CRITICALITY: L	OW .			
A1.3.1.3.1	PERFORM VSCS, Communications parameters are p current of expe					,		
A1.3.1.3.2	restrictions an	Receiving G/6 *discuss whether flow a necessary based upor cled traffic conditions*						
A1.3.1.4	REVIEW OPTIONS TO BRING AL	PCRAFT INTO COW DRIVANCE H	HTH IRMFFIC MAN	LAGEMENT RESTRICTIONS				
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: LO	N CE!TICALITY: N	<b>15</b> 0			
Λ1.3.1.4.1	information int to decide the m	tude, route, and time o mensal traffle picture ost apprecriate action to it into conformance with						

	Task Elen	ment Report	
TASK NUMBER /		OBJECTS	NO. OF OBJECTS
1.3.1.4	REVIEW OPTIONS TO BRING AIRCRAFT INTO CONFORMANCE W	ITH TRAFFIC MANAGEMENT RESTRICTIONS	
		FREQUENCY: LCW CRITICALITY: MED (Continued)	
1.3.1.4.2	EVALUATE appropriateness of vectoring/ rerouting to bring aircraft into conformance with flow parameters		
1.3.1.4.3	EVALUATE appropriateness of changing altitude to bring aircraft into conformance with flow purameters		
11.3.1.4.4	EVALUATE appropriateness of changing speed to bring the aircraft into conformance with flow purameters		
41.3.1.4.5	EVALUATE appropriateness of holding circraft to bring aircraft into cenformance with flow parameters		
 A1.3.1.5	NEGOTIATE TRAFFIC MANAGEMENT ACTION WITH PILOT		
-	TASK TYPE: VC COOKO MEDIA: V	FREQUENCY. LOW CRITICALITY: LOW	
A1.3.1.5.1	PERFORM VSCS, Communicating Normally Air-To-Ground *options (vectoring/ reroute, speed adjustment, altitude adjustment, holding) to conform to traffic management restrictions*	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
A1.3.1.6	RECEIVE TRAFFIC MANAGEMENT RESTRICTION	·	
	TASK TYPE. R/VC COORD MEDIA. V/M	FREQUENCY: LOW CRITICALITY: MED	
A1 3.1.6.1	PERFORM VSCS, Receiving G/G Communications *traffic management restrictions*		
A1.3.1.6.2	O PERFORM TEM M.1, Receiving ATC Mail *traffic monagement restrictions*		
A1.3.1.8	RECEIVE SUPERVISOR NOTICE TO HOLD/ REROUTE TRAFFIC	CLEAR OF CONTINGENCY	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.3.1.8.1	PERFORM VSCS. Receiving G/G Communications *notice from supervisor to hold or reroute trafic*		
A1.3.1.8.2	O PERFORM 1EM M.1. Receiving ATC Mail *notice from supervisor to hold or reroute traffic*		
A1.3.1.9	REQUEST EXCEPTION TO TRAFFIC MANAGEMENT RESTRICTION	v	••••
	TASK TYPE: E/NO COORD MEDIA, W/M	FREQUENCY, LOW CRITICALITY: MED	
A1.3.1.9.1	PERFORM VSCS, initiating G/G Communications *request exception to traffic management restrictions*		
A1.3.1.9.2	PERFORM TEM M.2. Sending ATC Moil *request exception to flow control restrictions*		
A1.3.1.10	REVIEW TRAFFIC DEMANUS AND TRAFFIC MANAGEMENT RESTI	RICTIONS WITH SUPERVISOR	<b></b>
		FREQUENCY: LOW CRITICALITY: LOW	
A1.3,1,10,1	PERFORM VSCS, Recriving G/G Communications Freview traffic conditions and traffic management paramaters*		

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TASK NUMBER /	TASK STATEMENTS / DATA AND		NO. OF				
ELEMENT NUMBER		OBJECTS	OBJECT:				
A1.3.1.10 R	REVIEW TRAFFIC DEMANDS AND TRAFFIC MANAGEMENT RESTRICTIONS WITH SUPERVISOR						
	TASK TYPE: ERA/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: LOW (Continued)					
A1.3.1.18.2	PERFORM VSCS, Initinting G/G Communications *review traffic conditions and traffic management parameters*						
A1.3.1.1Ø.3	0 PERFORM TEM M.1. Receiving ATC Mail *review traffic conditions and traff management parameters* A						
A1.5.1.10.4	PERFORM TEM M.2. Sending ATC Moil *review traffic conditions and traff management parameters*	fic					
A1.3.1.10.5	CROSS-REFERENCE Situation Display, Flight Data Displey, and Special Largeria information	Lists Situation_Display Special_Lists Special_Lists	1 1 1				
A1.3.1.11 R	RECEIVE SUPERVISOR BRIEFING ON WHAT TRAFFIC CON	NOITIONS TO EXPECT					
	TASK TYPE: VC/A COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: LOW					
A1.3.1.11.1	PERFORM VSCS. Receiving G/G Communications *amount of traffic, upper winds, and weather during a specific shift or time period*						
A1.3.1.11.2	SYNTHESIZE information relating to expected traffic conditions						
A1.3.1.13	RECEIVE APPROVAL OF REQUEST FOR EXCEPTION TO F	FLOW RESTRICTION					
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: LOW					
A1.3.1.13.1	PERFORM VSCS, Receiving G/G Communications *approval for excep to traffic management parameter*	ption					
A1.3.1.13.2	PERFORM TEM M.1, Receiving ATC Mai *opproval for traffic management restrictions*	il					
A1.3.1.14	RECEIVE DENIAL OF REQUEST FOR EXCEPTION TO FLO	ON RESTRICTION					
i	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: LOW					
A1.3.1.14.1	PERFORM VSCS, Receiving G/G Communications *denia) of exception traffic management parameter*	an to					
A1.3.1.14.2	PERFORM TEM M.1, Receiving ATC Mai *denial of exception to traffic management parameter*	11					
A1.3.1.75	REQUEST TRAFFIC MANAGEMENT ADVISORIES						
1	TASK TYPE: R/E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: LOW					
A1.3.1.75.1	PERFORM TEM M.2. Sendira . Mail *traffic management advi ,*	·					
A1.3.1.75.2	PERFORM TEM M.1, Receiving ATC Mont #troffic management advisory# O	.1					

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TASK NUMBER /			AAIO	J / DATA				NO. 0F
ELEMENT NUMBE	R T/	isk elem	ENT S	TATEMENTS			OBJECTS	OBJECT
1.3.1.75	REQUEST TRAFF	IC MANA	GEMEN	ADVISORIES				
	TASK TVI	PE: R/E	/vc	COORD MEDIA: V/M	FREQUENCY:		CRITICALITY: LUW (Continued)	
1.3.1.75.3				Initiating G/G *traffic				
11.3.1.75.4	C	ERFORM T ommunica dvisory*	tions	Receiving G/G *traffic management				
11.3.2.1	PERCEIVE AN	ALTITUDE	OR R	OUTE DEVIATION				
	TASK TV	PF: R/A	4	COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: MED	
41.3.2.1.1	- - -	Backgrou Weather Situatio	und_De _Descr on_Dis n of d	tion_Symbol, _Datu_Block, scriptor, iptor on plcy for potential ltitude/lateral/speed		Data Back Weat	tion_Symbol s_Block ground_Descriptor ther_Descriptor untion_Display	30 27 1 2 1
A1.3.2.1.2	p	Flight_l ertainii	Data_C ng to , spee	or the following the construction of the construction of the conformance or route conformance		Tim	ght_Data_Entry 2 ght_Dava_Display	20 1 1
A1.3.2.1.3	t t	ircraft raffic	infor pictur n of (	te. altitude, speed, time, mation into a mentol e with regard to potential ultitude, speed, or route riteria				
A1.3.2.1 4	(		, spe	ential violations of ed, or route conformance				
A1.3.2.2	OBSERVC AIR	CRAFT RE	SUMIN	NORMAL FLIGHT PLAN			usir-usunsrese-se-se-se-se-se-se-se-se-se-se-se-se-	
	TASK T	YPE: R/	'A	COORD MEDIA:	FREQUENCY:	LON	CRITICALITY: MED	
A1.3.2.2.1	:	ACQUIRE Full Do tion_His monitor cleared	to_81 story aircr	ition Symbol, ock, Truck Vector And Posi on Situation Display to on't's return to previously a		Ful Tro	.ition_Symbol 1_Dato_Block ick_Vector_And_Position_History uation_Display	30 27
A1.3.2.2.2		Positio	ก Sym	s in movement of bol. Full Data Block, and Fosition_History		Fu! Tra	sition_Symbol .l_Data_Block ock_Vector sition_History	1 1 1 1
A1.3.2.2.3				craft responding and cleared course				
A1.3.2.3	DETERMINE M	ANEUVER	TO ES	TABLISH/ RESTORE FLIGHT PLA				
	TASK T	YPE: A		COURD MEDIA:	FREQUENCY	LOM	CRITICALITY: MED	
A1.3.2.3.1		_Position to determine	on_Sym	ull_Data_Block, bol_and_Flight_Data_Entry the type of maneuver correct_deviation		Pos	ll_Cata_Block sition_Symbol ight_Cata_Entry	1 1 1
A1.3.2.3 2		instruc	tions ance 1	learance and appropriate to place an aircraft within imits of previously issued	١			

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TASK NUMBER / ELEMEN) NUMBE			09JECTS	NO. OF OBJECTS
1.3.2.4	RECEIVE CONTROLLER NOTICE OF AIRCRAFT FLIGHT PLAN D	EVIATION		
	TASK TYPE: R/VC COORD MEDIA; V/M	FREQUENCY: LOW	CRITICALITY: MED	
41.3.2.4.1	PERFORM TEM M.1, Receiving ATC Mail *notice of aircraft deviation from cleared route or altitude* O			
A1.3.2.4.2	PERFORM VSCS, Receiving G/G Communications *notice of aircraft deviation from eleared route ar altitude*			
A1.3.2.5	INFORM CONTROLLER/ SUPERVISOR OF AIRCRAFT FLIGHT PL	AN DEVIATION		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.3.2.5.1	PERFORM VSCS. Initiating G/G Communications *informing supervisor or other controller of aircraft deviation*		**************************************	
A1.3.2.5.2	O PERFORM TEM M.1, Sending ATC Mail *informing supervisor or other controller of aircraft deviation*			
A1.3.2.9	REQUEST DISPLAY OF FOE FOR FLIGHT PLAN			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
A1.3.2.\$.1	INITIATE _Request_Flight_Data_Entry message to observe a specific flight plan	Req	quest_Flight_Data_Entry	1
A1.3.2.9.2	EXECUTE _Request_Flight_Data_Entry message	Req	quest_Flight_Oata_Entry	1
A1.3.2.9.3	DETECT appearance of _Flight_Data_Entry on _Flight_Data_Display	Fli	ight_Data_Entry ight_Data_Display	1 1
A1.3.2.1Ø	EVALUATE FLIGHT DATA TO DETERMINE FUTURE COURSE OF			,,
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI	CRITICALITY: MED	
A1.3.2.10.1	ACQUIRE _Flight_Data_Entry on _Flight_Data_Display or _Flight_Data_in _Flight_Data_in _Flight_Data_in _Information pertaining to nonconformance situation	Fli Fli	ight_Data_Entry ight_Daka_Display ight_Data ight_Data_Readout_Area	1 1 1
A1.3.2.10.2	INTEGRATE route, altitude and aircraft information with conformance criteria to determine course of action	0		
A1.3.2.1Ø.3	DECIDE action needed to resolve nanconformance situation			
A1.3.2.12	EVALUATE ALTITUDE NONCONFORMANCE INDICATION FOR AC			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
A1.3.2.12.1	SEARCH _Full_Data_Block of aircraft with ultitude nonconformance data on _Situation_Display		ll_Data_Block tugtion_Display	1

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TASK NUMBER /		TEMENTS / AND	DATA						NO. DE
ELEMENT NUMBE		MENT STAT	EMENTS			OB	JECTS		08JEC1
1.3.2.12	EVALUATE ALTITUDE NO	ONCONFORM	ANCE INDICATION FOR ACTI	ON NEEDED					
	TASK TYPE: R/	A	COORD MEDIA:	FREQUENCY:	FOM		CRITICALITY: HI	(Continued)	
1.3.2.12.2	EXTRACT	_Mode_C	Altitude,				Altitude		1
	_Pilot-Ri _Assigne	eported_A d_Altitud	Altitude or de from _Full_Data_Block		- 1	Assigne	Reported_Altitude ed_Altitude		1
		_			1	Full_0d	ita_Block		1
41.3.2.12 3		possible mance act	courses of tion						
A1.3.2.13	EVALUATE UNREASONAB	ILE MODE (	INDICATION FOR ACTION N	EEDED					
	TASK TYPE: A		COORD MEDIA:	FREQUENCY:	MED		CRITICALITY: LOW		
A1.3.2.13.1			ocquired information						
			cture with regord to the pleness indication						
A1.3.2.13.2	DEC1DE	the prop	er course of action						
A1.3.2.14	DETECT UNREASONABLE	MODE C	INDICATION					<del></del>	
	TASK TYPE: R		COORD MEDIA:	FREQUENCY:	LOW	l 	CRITICALITY: MED		
A1.3.2.14.1	SEARCH	_Full_Da	ta_Block on				ata_Block		15 1
	_Situation _Mode_C_ ication	_Reasonab	ta_Block on ay for presence of leness_Check_Failure_Ind				ion_Display _Reasonableness_C	heck_Failure_Ind	-
A1.3.2.14.2	DETECT lune_Inc	Mode C	Reasonableness_Check_Fai in _Full_Data_Block on			Mode_C Fuli_D	_Reasonableness_C ata_Block	heck_Failure_Ind	ilcatio 1 1
A1.3.2.14.3	EXTRACT ilure_lo	_Mode_C ndication	_Regsonableness_Check_Fa _from _Full_Data_Block			Mode_C Full_D	_Reasonableness_C ata_Block	heck_Failure_In	dicatio 1 1
A1.3.2.75	DETECT ALTITUDE NO	NCONFORMA	NCE INDICATION						*********
	TASK TYPE: R		COORD MEDIA:	FREQUENCY	LO	4	CRITICALITY: HI		
A1.3.2.75.1						Full_0	lata_Block		27
	_Situot _Altitu	1on_Displ de_Noncor	ita_Block on ay for presence of iformance_Indicator				icn_Display .de_Nonconformance	Indicator	1
A1.3.2.75.2	DETECT	Altitude	Nonconformance_Indicate			Altitu	ude_Nonconformance	_Indicator	1
	r in Fi Disolav		Block on Situation			Full_[	Data_Block		1
A1.3.2.75.3	SCAN	A/O Flight Do	ita Entry on			Flight	. Data Entry		20
	_Flight	_Cata_Dis	splay for presence of nformance Indicator			Flight	_Data_Display ude_Nonconformance	Indicator	1
		_						<u>-</u>	
A1.3.2.75.4		_Fīight_0d	de_Nonconformance_Indicat ata_Entry on Flight Data				ude_Nonconformance t_Data_Entry	Indicator	1
A1.3.3.1	INTUIN CONTROLLER/	/ SUPERVI	SOR/ PILOT OF AIRSPACE RE	STRICTION I	MP OS	EC/ RE	LEASE		
	TASK TYPE: E	:/\c	COORD MEDIA: V/M	FREQUENCY	: L0	<b>ы</b>	CRITICALITY: ME	D	
Λ1 <b>5.3.1.1</b>	*notice	e to anot isor of t	. Sending ATC Mail her controller or he status of uirspace			<b></b>		<b></b>	

		Task Eleme	nt Report				
TASK NUMBER /	TASK STATEMENTS / DATA AND						NO. OF
ELEMENT NUMBER					ECTS		OBJECTS
1.3.3.1 I	INFORM CONTROLLER/ SUPERVISOR/ PILOT OF AIRSPACE RESTRICTION IMPOSED/ RELEASE						
	TASK TYPE: E/VC COORD N	MEDIA: V/M	FREQUENCY: LO	M C	CRITICALITY: MED	(Continued)	
1,3.3.1.2	PERFORM VSCS. Initiating Communications *notice controller or supervisor of airspace restriction*	ng G/G to another of the status					
1.3.3.1.3	PERFORM VSCS, Communicat Air-To-Ground *advising status of restricted dir	g a pilot of the					
1.3.3.3 F	RECEIVE REQUEST FOR USE OF SPECIAL	USE AIRSPACE FROM	SUPERVISOR/ C	ONTROLLE	R/ PILOT		
	TASK TYPE: R/VC COORD (	MEDIA: V/M	FREQUENCY: LO	H (	CRITICALITY: MED		
1,3,3,3,1	PERFORM TEM M 1, Recein  *request from another of supervisor for use of spairspace*	ontroller or					
1.3.3.3.2	O PERFORM VSCS, Receiving Communications *request controller or supervisor special use airspace*	t from another					
1,3,3,3,3	FERFORM VSCS, Communica Air-To-Ground *request use of special use airs	from pilot for					
11.3.3.4	DEFERMINE RESTRICTIONS TO USERS NE	CESSARY WITHIN RELI	EASED AIRSPACE				
	TASK TYPE: A COORD	MEDIA:	FREQUENCY: LO	OLI .	CRITICALITY: LOW		
11.3.3.4.1	INTEGRATE all available traffic picture to proj restrictions on all use	ect effect of		•			
11.3.3.4.2	DETERMINE necessory res applied for users of re						
A1.3.3.5	OBSERVE DISPLAY OF AIRSPACE RESTRI	CTION STATUS CHANG	E				
	TASK TYPE: R COORO	MEDIA:	FREQUENCY: L	DM	CRITICALITY: MED		
A1.3.3,5.1	ACQUIRE Geographic Mo Situation Display *fo pertaining to airspace status change*	rinformution			hic_Mop_Data on_Display		1
A1.3.3.5.2	A/O ACQUIRE _Special_Use_A _System_Status_Data_Dis in use, use times, cont	play for altitude			_Use_Airspace_St Status_Data_Disp		1
A1.3.3,5.3	COMPARE new airspace re infermation with previo						
A1.3.3.5.4	RECOGNIZE difference be data and previous airsp data	pace restriction					
A1. <b>3</b> .3.6	RECEIVE NUTICE OF AIRSPACE RESTRIC						
			COCOLICACA	~ .	COITICALITY, MCD	1	
	TASK TYPE: R/VC COGRD	MEDIA: V/M	FREQUENCY: L	.OM	CRITICALITY: MEL	•	

	Task Ele	ment Report	
TASK NUMBER ,	TASK STATEMENTS / DATA / AND ER TASK ELEMENT STATEMENTS		NO. 0
ELEMENT NUMBI		OBJECTS	06JE01
1.3.3.6	RECEIVE NOTICE OF AIRSPACE RESTRICTION/ RELEASE		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED (Continued)	
1.3.3.6.2	PERFURM VSCS. Receiving Ground-Tu-Ground Communications *notice of airspace restriction/ release* 0		
1.3.3.6.3	PERFORM VSCS, Communicating Normally Air-To-Ground *notice of airspace restriction/ release from pilot*		
1.3.4.1	DETERMINE DESCENT TIME OR POINT		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: MED	
1.3.4 1.7	ACQUIRE _Position_Symbol, _Data_Block, _Background_Descriptor, _Weather_Descriptor on _Situation_Display for information applicable to establishing orrival patterns  A/O	Position_Symbol Data_Block Background_Descriptor Weather_Descriptor Situation_Display	30 27 1 2 1
1,3,4.1.2	ACQUIRE Traffic Management Information for flow constraints		
1,3,4.1.3	SYNTHESIZE altitude, route, speed and flow restrictions into a mental traffic picture with regard to establishing arrival patterns		
11.3.4.1.4	DECIDE descent time or point for each aircraft		
11 3.4 2	PROJECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY APPR	OACH FLOW TO AIRPORT OR SECTOR	
	TASK TYPE: A COORD MEDIA.	FREQUENCY: H1 CRITICALITY: H1	
A1.3.4.2.1	ACCUIRE Position Symbol and Data_Block on _Situation_Display for information pertaining to aircraft landing in or near this sector A/O	Position_Symbol Data_Block Situation_Display	3Ø 27 1
11.3,4.2.2	ACQUIRE _Flight_Data_Entry, _Time on _Flight_Data_Display *for aircraft landing in or near this sector*	Flight_Data_Entry Time Flight_Data_Display	20 1 1
A1.3.4.2.3	RECOGNIZE aircraft landing in this sector based .n _Destination_Airport in _Full_Data_Block or _Flight_Data_Entry		1 15 15
41.3.4.2.4	SYNTHESIZE acquired destination information into mental picture of arrival flow of aircraft in or near terminal area		
	REQUEST AIRCRAFT BE REROUTED		
A1.3.4.4		FREQUENCY: LOW CRITICALITY: MED	
A1.3.4.4	TASK TYPE: E/VC COORD MEDIA: V/M		
A1.3.4.4 A1 3.4.4.1	TASK TYPE: E/VC COORD MEDIA: V/M  PERFORM VSCS, Initiating G/G Communications *request direraft be rerouted*  O		

		Task Ele	ment Report	<b>-</b>		
TASK NUMBER /		FEMENTS / DATA AND				NO. OF
ELEMENT NUMBER		MENT STATEMENTS			OBJECTS	OBJECTS
A1.3.4.5 P	ROJECT MENTALLY THE	RANGE/ BEARING BETWEEN AIRCRAF	T			
	TASK TYPE: 9/4	A COCRD MEDIA:	FREQUENCY: H	I	CRITICALITY: HI	
A1.3.4.5.1	_Full_Dat on _Situa pertainir	Position Symbol, La Block, Background Descriptor ation Display for information ng ta mental projection of earing between aircraft		Full Backs	zion_Symbol Dota_Block ground_Descriptor ation_Display	2 2 1 1
A1.3.4.5.2	between d longitudi	ATE the range and bearing pircraft from the range rings, inal scale, speed, and other t information				
A1.3.4.6 F	PROJECT MENTALLY THE	E ARRIVAL FLOW FOR AIRCRAFT LANG	ING IN OR NEAR	THIS	SECTOR	
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: H		CRITICALITY: MED	
A1.3.4.6.1	on Situ pertainii	Position Symbol, _Cata_Block ntion_Display for information ng to aircraft landing in or s terminal area		Posi Data	tion_Symbol Block otion_Display	<b>38</b> 27 1
41.3.4.6.2	_Flight_I	_Flight_Data_Entry, _Time on Data_Display *for aircraft in or near terminal area*		Time	ht_Data_Entry ht_Data_Display	15 1 1
A1.3.4.6.3	RECOGNIZ the term	E aircroft londing in or near inal area				
A1.3.4.6.4	informat	ZE acquired destination ion into mental picture of flow of aircraft in or near area				
A1.3.4.7	ISSUE NEW ATIS CODE					
	TASK TYPE: VO	COORD MEDIA: V	FREQUENCY: I	MED	CRITICALITY: MED	
A1.3.4.7.1		VSCS, Initiating G/G cations *issue new ATIS code to				
A1.3.4.8	INFORM PILOT TO OBT	TAIN NEW ATIS INFORMATION				
	TASK TYPE: VO	COORD MEDIA: V	FREQUENCY:	rom .	CRITICALITY: LOW	
A1.3.4.8.1	PERFORM 4ir-To-0	VSCS, Communicating Normally Ground *inform pilot to obtain formation*				
A1.3.4.9	ISSUE ATIS INFORMAT	TION			• • • • • • • • • • • • • • • • • • • •	
	TASK TYPE: VO	C COORD MEDIA: V	FREQUENCY:	MED	CRITICALITY: LOW	
A1.3.4.9.1	Air-To-G	VSCS, Communicating Normally Ground *issuue new ATIS tion to pilot*				
A1.3.5.1	VALIDATE MODE C AL					
	TASK TYPE: R	/A COORD MEDIA:	FREQUENCY:	ні	CRITICALITY: HI	
A1.3.5.1.1	_Situat	Full_Data_Block on ion_Display for information to gircraft mode C altitude			l_Oste_Block uation_Display	1

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TASK NUMBER /		22 15019	NO. OF
ELEMENT NUMBE		OBJECTS	OBJECTS
A1,3.5.1	VALIDATE MODE C ALTITUDE		
<b></b>	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI (Continued)	
A1.3.5.1.2	EXTRACT _Made_C_Altitude from the _Full_Dota_Block on the _Situation_Display *aircraft's current altitude*	Mode C_Altitude Full_Data_Block Partial_Data_Block Situation_Display	1 1 1
A1 3.5 1.3	COMPARE _Mode_C_Altitude and _Assigned_Altitude with the pilot reported altitude	Mode_C_Altitude Assigned_A)titude	1
A1.3.5.1.4	DECIDE the validity of _Mode_C_Altitude displayed for aircraft	- <del>-</del>	1
A1.3.5.2	ENTER REPORTED ALTITUDE		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: MED CRITICALITY: MED	
AT.3.5.2.1	INITIATE Reported Altitude message *to enter a reported altitude*	Reported_Altitude	1
A1.3.5.2.2	EXECUTE _Reported_Altitude message	Reported_Altitude	1
A1 3.5.2.3	DETECT appearance of reported altitude and/or FDEN information in the Flight_Data_Entry on the Flight Data Display	Flight_Oato_Entry	1
A1.3.5.2.4	A/O DETECT appearance of reported altitude information in Full Duta Block on _Situation_Display	Full_Data_Block Situation_Display	1
A1.3.5.3		·	
	TASK TYPE: R/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: EXT	
A1.3.5.3.1	PERFORM VSCS, Receiving G/G Communications *notice of missed approach*		
A1.3.5.3.2	O PERFURM VSCS, Communicating Normally Air-To-Ground *notice of missed approach*		
A1.3.5.3.3	O DETECT emphosized _Data_Block on the _Situation_Display *to receive control of an arrival that has executed a missed approach*	Data_Block Situation_Display	1
A1.3.5.4	PROJECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY DEPAR	TURE FLOW	
	TASK TYPE: A COORD MEDIA:	FREQUENCY: HI CRITICALITY: MED	
A1.3,5.4.1	ACQUIRE Airport Information and Departure List for information pertaining to aircraft departures and runway departure rate	Airport_Information Deporture_List	1
A1.3.5.4.2	A/O  ACQUIRE _Position_Symbol, _Data_Block, _Time on _Situation_Display for information affecting aircraft departing in or through terminal area	Position_Symbol Data_Block Time Situation_Display	3Ø 27 1 1
A1.3.5.4.3	A/O ACQUIRE _Flight_Data_EntryTime on _Flight_Data_Display	Flight_Dota_Entry Time Flight_Dota_Display	2Ø 1 1

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TASK NUMBER /	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS		NO. OF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS	OBJECTS	CBJECTS
1.3.5.4 PROJEC	CT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY DEPAR		
•	TASK TYPE: A COORD MEDIA:	FREQUENCY: HI CRITICALITY: MED (Continued)	
11.3.5.4.4	RECOGNIZE oircraft deporting in or through this sector based on _Departure Point, Proposed_Departure_Ti me or _Actual_Departure_Time in _Flight_Data_Entry on Flight Data Display	Departure Point	1 1 1 1 15
41.3.5.4.5	A/O RECOGNIZE aircraft departing in or through this sector through motching Callsign in _Flight_Data_Entry and _Callsign in _Departure_List	Callsign Flight_Data_Entry Callsign Departure_List	1 15 1 1
41.3.5.4.6	SYNTHESIZE extracted information into mental picture of deporture flow in relation to the overall mental traffic picture	1	
41.3.5.4.7	PROJECT traffic sequence to establish/ modify departure flow based on mental traffic picture		
	VE AIRSPACE INTRUSION BY A NON-CONTROLLED OBJ		
	TASK TYPE: R COORD MEDIA:	FREQUENCY: 104 CRITICALITY: MED	
A1.3.6.1.1	SCAN _Target_Position_Symbol, _Data_Block on _Situation_Display for possible non-controlled object	Turget_Position_Symbol Data_Block Situation_Display	30 27 1
A1.3.6.1.2	DETECT _larget_Position_Symbol not associated with _Data_Block *non-controlled object*	Target Position_Symbol Data_Block	1
	R CONTROLLER NOTE		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: ŁOW CRITICALITY: LOW	
	INITIATE _Controller_Note message	Controller_Note	1
A1,3.6.2,2	EXECUTE Controller Note message	Controller Note	1
A1.3.6.2.3	DETECT appearance of controller entered note on the _Controller_Notepad_Display	Controller_Notepad_Display	1
	HT-FOLLOW AN OBSERVED NON-CONTROLLED OBJECT		
	TASK TYPE: E/R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.3.6.3.1	INITIATE _Track message to start a track/ flight follow non-controlled object	Track	1
A1.3.6.3.2	EXECUTE _Track message	Track	1
A1.3.6.3.3	DETECT _Full_Data_Block on the _Situation_Display #non-controlled object becomes a tracked data block#	Full_Data_Block Situation_Display	1
A1.3.6.3.4	ASSESS track movement of non-controller object		
A1.3.6.4 FORW	IARD NOTICE OF AIRSPACE INTRUSION BY A NON-CON	TROLLED OBJECT	
	TASK TYPE: E/VC COORD MEDIA: V/M		
A1.3.6.4.1	PERFORM TEM M.2. Sending ATC Mail *notice of airspace intrusion by non-controlled object* C		

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TASK NUMBER /		on reason	NO. OF
ELEMENT NUMBE	R TASK ELEMENT STATEMENTS	OBJECT'S	OBJECT
11.3.6.4	FORWARD NOTICE OF AIRSPACE INTRUSION BY A NON-CONTROL		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: LOW (Continued)	
A1.3.6.4.2	PERFORM VSCS, Initiating G/G Communications *notice of dirspace intrusion by man-controlled object*		
A1.3.6.5	RECEIVE NOTICE OF AIRSPACE INTRUSION BY A NON-CONTROL	LLED OBJECT	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: LOW	
A1.3.6.5.1	PERFORM VSCS, Receiving G/G Communications *notice oo dirspace intrusion by non-controlled object*		
A1.3.6.5.2	PERFORM TEM M.1, Receiving AIC Moil *notice of airspace intrusion by a non-controlled object*		
A1.3.7.1	RECEIVE CONTROLLER/ SUPERVISOR REQUEST FOR TEMPORARY	USE OF AIRSPACE	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.3.7.1.1	PERFORM TEM M.1, Receiving ATC Mail *request from controller/ supervisor for use of airspace*		
A1.3.7.1.2	O PERFORM VSCS, Receiving G/G Communications *request from controller/ supervisor for use of airspace*		
A1.3.7.2			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.3.7.2.1	PERFORM TEM M.2. Sending ATC Mail *notice of airspace release *	/	
A1.3.7.2.2	PERFORM VSCS, Initiating G/G Communications *notice of airspace release*		
A1.3,7.3	FORWARD DENIAL OF TEMPORARY USE OF AIRSPACE		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.3.7.3.1	PERFORM TEM M.2. Sending ATC Mail *notice of denial of reques; for airspace release*		
A1.3.7.3.2	0 PERFORM VSCS, Initiating G/G Communications *notice of denial of request for airspace release*		
A1.3.7.4	SUPPRESS MAP ASSOCIATED WITH TEMPORARY USE OF AIRSPA		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
A1.3.7.4.1	INITIATE Inhibit_Category_Of_Geographi c_Map_Data message *suppress display of temporary use airspace boundary*		oto 1
A1.3.7.4.2	EXECUTEInhibit_Category_Of_Geographic _Map_Data message	Inhtbit_Category_uf_Geographic_Map_Do	ato i

			Task Elem	ent Report				
TASK NUMBER / ELEMENT NUMBER		TASK STATEMENTS AND TASK ELEMENT ST	TATEMENTS				JECTS	NO. OF OBJECT
A1.3.7.4 S	SUPPRESS MA	AP ASSOCIATED W	ITH TEMPORARY USE OF AIRSPA					
	TASK T	TYPE: E	COORD MEDIA:	FREQUENCY:	FOM.	(	CRITICALITY: LOW (Continued)	
A1.5.7.4.3		RECOGNIZE suppr Special Use As	ression of irspace Boundary from p_Data on Situation		S G	pecial	_Use_Airspace_Boundary hic_Map_Data	1
A1.3.7.5	DISCUSS REL	EASE OF AIRSPA	CE FOR TEMPORARY USE WITH S	SUPERVISOR/ (			OLLER	
			COORD MEDIA: V				CRITICALITY: LOW	
A1.3.7.5.1		PERFORM VSCS,	Initiating G/G *release of airspace for					
A1.3.7.5.2		PERFORM VSCS, Communications temporary use*	*release of airspace for					
A1 3.7.5.3		EVALUATE merit	s of equipment release					
A1,3.7.6	SELECT MAP	DISPLAY OF ADA	PTED AIRSPACE REQUESTED FOR	R USE BY ANOT	THER		DLLER	
	TASK 1	TYPE: E	COORD MEDIA:	FREQUENCY:	LOW		CRITICALITY: LOW	
41.3.7.6.1		_Map_Data mess	ect_Category_Of_Gecgraphic age *restore display of airspace boundary*			Select_	Category_Of_Geographic_Mop_Data	1
A1.3.7.6.2		EXECUTE _Sele Map_Data messa	oct_Category_Of_Geographic_ age		S	Select_	Category_Of_Geographic_Mop_Data	1
A1.3.7.6.3		DETECT appeara _Special_Use_A *geographic ma _Situation_Dis	irspace_Boundary p duta* on	Special_Use_Airspace_Boundary Situation_Display		.con_Display	1	
A1.3.7.7	EVALUATE FI	EASIBILITY OF R	RELEASING AIRSPACE TEMPORAR					
	TASK 1	TYPE: R/A	CUORD MEDIA:	FREQUENCY:	LOW		CRITICALITY: LOW	
A1.3.7.7.1	,	Background De Weather Descr Situation Dis	play for information temporarily releasing			38 27 1 2 1		
A1.3.7.7.2		ACQUIRE _Flig _Flight_Data_C	oht_Dotg_Entry, _Time on Disploy for information temporary release of			Time	_Data_Entry _Cata_Display	2Ø 1 1
A1.3,7.7.3		boundary, and mental traffic	ute, altitude, airspace other information into a c picture with regard to porary use of airspace					
A1.3.7.7.4			ility of temporarily space to another controller					
A1.3.7.8	RECEIVE NO	OTIFICATION OF	RETURN OF RELEASED AIRSPACE				<del></del>	<b>-</b>
l	TASK	TYPE: R/VC	COORD MEGIA: V/M	FREQUENCY:	: LO	1	CRITICALITY: MED	
A1.3.7.8.1		DEDECTOR TEM M	.1. Receiving ATC Moil					

		lask Eler	ment Report		
TASK NUMBER /	TASK STATEMENTS / AND TASK ELEMENT STAT	/ DATA			NO. OF
ELEMENT NUMBER	TASK ELEMENT STAT			0BJECTS	OBJECTS
11,3.7.8 REC	EIVE NOTIFICATION OF RETU				
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
A1.3.7.8.2	PERFORM VSCS, Re	eceiving G/G *notice of release of			
A1.3.8 1 REQ	QUEST TEMPORARY USE OF AIR		******		
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.3.8.1.1	*SEARCH _Control Static Informat		Con Sta	ntroller_Chort atic_Information_Oisplay	1
A1.3.8.1.2		name or location of for temporary use from dian_Display	Sto	atic_Information_Display	1
A1.3.8.1.3		nitiating G/G *airspace ID, altitude, use (requesting use of			
A1.3.8.7.4	PERFORM TEM M.2,	•			
A1.3.8.2 REC	CEIVE RELEASE/ USE OF AIR				
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: LOW	
A1.3.8.2.1	PERFORM VSCS, R Communications airspace*	Receiving G/G *natice of release of			
A1.3.8.2.2	PERFORM TEM M.1. *notice of relea	-1			
A1.3.8.3 REI	CEIVE REJECTION OF USF OF				
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.3.8.3.1	PERFORM VSCS, R Communications airspace*	Receiving G/G *denial of use of			
A1.3.8.3.2	*denial of use o				
	RWARD NOTICE OF RETURN OF				
	TASK TYPE: E/VC	COURD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.3,8.4.1		. Sending ATC Mail ase of airspace*			
A1.3.8.4.2	PERFORM VSCS. Ir	nitioting G/G *notice of release of			
	CEIVE CONTROLLER NOTICE (			HIS SECTOR	
		COORD MEDIA: V/M			
A1.4.1.1.1	PERFORM VSCS, F				

		Task Ele	ement Report		
TASK NUMBER /	TASK STATEMENTS AND				NO. OF
ELEMENT NUMBER		FATEMENTS		Objects	OBJECTS
A1.4.1.1 R	ECEIVE CONTROLLER NOTICE	ON REQUESTED CLEARANCE OF			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
A1.4.1.1.2	PERFORM TEM M.	1, Receiving ATC Mail arance request*			
A1,4,1,2 RI	ECEIVE CLEARANCE REQUEST	FROM ATCT/ FSS/ PILOT/ St			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: MED	CRITICALITY: MED	
41.4.1.2.1	PERFORM TEM M. *relayed clear: O				
A1.4.1.2.2	PERFORM VSCS,				
A1.4.1.2.3	PERFORM VSCS. Air-To-Ground pilot*	Communicating Normally *clearance request from			
A1.4.1.3 R	ECEIVE CONTROLLER REQUES	ST FOR CLEARANCE/ APPROVAL			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: HI	CRITICALITY: MED	
A1.4.1.3.1	*cleurance/ ap	.1, Receiving ATC Mail oproval request*		<u></u>	
A1.4.1.3.2		Receiving G/G s *cleurance/ approval			
A1.4.1.4 F	FORWARD CLEARANCE REQUEST	TO ANOTHER CONTROLLER			
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: HI	CRITICALITY: MED	
A1.4.1.4.1	*forward clear	.2, Sending ATC Mail rance request*			
A1.4.1.4.2		Initiating G/G s *forward clearance			
A1.4.1.5	REQUEST CLEARANCE/ APPRO	VAL FROM ANOTHER CONTROLLE	ER		
		COORD MEDIA: V/M		CRITICALITY: MED	
A1.4.1.5.1		o coordinate a clearance			
A1.4.1.5.2	*cleurance/ a	1.2. Sending ATC Mail			
A1.4.1.5.3	PERFORM VSCS,	√0 Initioting G/G ns *clearance/ approval			
Δ1 4 1.6		/AL/ CLEARANCE RESTRICTION		OLLER	
71.7.1.0		COORD MEDIA: V/M			
A1.4.1.6.1	PERFORM TEM M	4.1, Receiving ATC Mail			
A1.4.1.6.2	PERFORM VS∝.	] . Receiving G/G ns *clearonce approval/			

	Task Elem	nent Report	
TASK NUMBER .	TASK STATEMENTS / DATA / AND		NO. OF
ELEMENT NUMBE	/ AND BER TASK ELEMENT STATEMENTS	08JECTS	OBJECTS
A1.4,1.7	RECEIVE CLEARANCE DISAPPROVAL/ DENIAL FROM ANOTHER CO	ONTROLLER	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.4.1.7.1	PERFORM TEM M.1. Receiving ATC Mail *clearance rejection*		
A1.4.1.7.2	PERFORM VSCS, Receiving G/G Communications *clearance rejection/ cenial*		
A1.4.1.8	RECEIVE ALTERNATE SUGGESTION FOR CLEARANCE/ APPROVAL	. REQUESTED OF ANOTHER CONTROLLER	
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1,4.1.8.1	PERFORM TEM M.1, Receiving ATC Mail *alternate instructions*	·	
A1.4.1.8.2	PERFORM VSCS, Receiving G/G Communications *alternate instructions*		
A1,4.1.10	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED	CLEARANCE	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: MED	
A1.4.1.10.1	ACQUIRE Position Symbol, Data Black, Background Descriptor, Weather Descriptor on Situation Dislay for information pertaining to impact on proposed clearance	~~~ <u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>	30 27 1 2 1
A1.4.1,10.2	A/O  ACQUIRE Flight Dota Entry. Time on Flight Data Display for information pertaining to factors which will impact proposed clearance	Flight_Data_Entry Time Flight_Data_Display	20 1 1
A1.4.1.1Ø.3	SYNTHESIZE altitude, route, weather, speed, destination, special use airspace, and time information into a mental traffic picture with regard to factors which will impact proposed clearnace		
A1.4.1.10.4	RECOGNIZE factors which will impact proposed clearance		
A1.4.1.12	DISCUSS CLEARANCE ALTERNATIVES WITH PILOT		,
	TASK TYPE: VC COORD MEDIA. V	FREQUENCY: LCAL CRITICALITY: MED	
A1.4.1.12.1	PERFORM VSCS, Communicating Normally Air-To-Ground *determine the course of action suitable for traffic demands*		
A1.4.1.13	EVALUATE FDE CHANGES FOR CLE, NANCE PLANNING OR FUTU		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.4.1.13.1		Flight_Data_Entry Flight_Data_Display	2 <b>0</b>

		Task Elem	ent Report			
TASK NUMBER /	TASK STATEMENTS	/ DATA				NO. OF
ELEMENT NUMBER	AND R TASK ELEMENT ST	ATEMENTS		Q.F	BJECTS	OBJECT
11.4.1.13 E	EVALUATE FDE CHANGES FOR C	LEARANCE PLANNING OR FUTUR	E ACTIONS		,-u	
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LO	)N	CRITICALITY: MED (Continued	i)
41.4.1.13.2		st_Data_Entry changes			_Oato_Entry	1
A1.4.1.13.3	ASSESS Flight determine impac control actions				_Data_Entry	20
A1.4.1.14 [	DETERMINE PRIORITY OF CONT					
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: H	I 	CRITICALITY: HI	
A1.4.1.14.1	DECIDE the orde	er in which control o be implemented				
A1.4.1.15	PERCEIVE NEED FOR AMENDED					- <b>-</b>
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: H	I	CRITICALITY: HI	·
Aî.4.1.15.1		p_Data on play for information need for amended clearance			on_Symbol Block er_Descriptor uphic_Map_Data vion_Display	30 27 1 1
A1.4.1.15.2	ACQUIRE _Flig Flight Data D	U ht_Data_Entry, _Time on isplay for information need for amended clearance		Time	:_Data_Entry :_Data_Display	2Ø 1 1
A1.4.1.15.3	time informati picture with r	itude, route, weather, and on into a mental traffic egard to need to omend ne or more dircraft				
A1.4.1.15.4		traffic picture with ions and/ or planned is				
A1.4.1.15.5	RECOGNIZE need clearance	to amend aircraft				
A1.4.1.16	FORMULATE CONTROLLER PLAN	OF ACTION FOR CLEARANCE G	ENERATION		***************************************	
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: 8	ΗĬ	CRITICALITY: HI	
A1.4.1.16.1	necessary for	quirements and restrictions composing a clearance able information				
A1.4.1.75	DETERMINE APPROPRIATE MEN	ITAL PLAN FOR ATRCRAFT CLEA	RANCE			
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: I	нI	CRITICALITY: HI	
A1.4.1.75.1		ntal traffic picture to croller course of action				
A1.4.1.75.2		oropriate course of action generated clearance				
A1.4.2.1	DECLARE EMERGENCY AND IN	/OKE CONTINGENCY PLAN			<u></u>	
	TASK TYPE: ERA/VC	COORD MEDIA: V/M	FREQUENCY:	LOW	CRITICALITY: EXT	
A1.4.2.1.1		pircraft emergency exists the mental traffic picture wation			***************************************	

		Tosk Elem	ent Report	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
TASK NUMBER / ELEMENT NUMBER		ASK STATEMENTS / DATA NND ASK ELEMENT STATEMENTS		OBJECTS		
A1.4.2.1 DECLA	RE EMERGENCY AND INVO					
	TASK TYPE: ERA/VC	COORD MEDIA: V/N	FREQUENCY: LOW	CRITICALITY: EXT (Continued)		
A1.4,2,1.2	Communications	Initiating G/G *inform supervisor and/ ler of decision*			. <b></b>	
A1.4.2.1 3	CROSS-REFERENCI Checklist *re	E Contingency Plan view checklist*				
A1 4.2.1.4		opriate Contingency Plan n of action for situation*				
A1.4.2.1.5	Communications problem/ conti					
A1.4.2.1.6		U 2. Sending ATC Mail craft problem/ contingency				
A1.4.2.2 RECEI	VE NOTICE OF PILOT O	R AIRCRAIT HAVING A PROBLE	M (E.G., OVERDUE, 1			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: EXT		
A1.4.2.2.1		1. Receiving ATC Mail ot or aircraft problem*				
A1.4.2.2.2	PERFORM VSCS.	*notice of pilot or				
A1.4.2.2.3	PERFORM VSCS,	Communicating Normally *receive natice from aft problem*				
A1.4.2.3 ISSUE	INSTRUCTIONS TO PIL	OT (NORDO) FOR IDENTIFICAT	ION TURN/ TRANSPON	DER RESPONSE		
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI		
A1.4.2.3.1	Air-To-Ground	Communicating Normally *issuing instructions to no transmitter*				
A1.4.2.4 DETE	CT A PILOT OR AIRCRAF	T PROBLEM (E.G., HYPOXIA,	EXCEPTION BEACON C	ODE)		
	TASK TYPE: R/A/VC	COORD MEDIA: V	FREQUENCY: LOW			
A1.4.2.4.1	SCAN Full Do			1) Nata Riock	15	
	_Situation_Dis _Exception_Bed _Altitude_Nonc possible_dired	con_Code or conformance_Indicator for	E×	tuātion_Display ception_Beacon_Code titude_Nonconformance_Indicator	1 1 1	
A1.4.2.4.2	Altitude_None	otion_Beacon_Code. conformance_Indicator in o_Block on Situation	Al	ception_Beacon_Code titude_Nonconformance_Indicator ull_Cata_Block	1 1 1	
A1.4.2.4.3	Air-To-Ground	Communicating Normally *detect erratic or communication behavior*				
A1,4.2.4.4		received to make a o whether a potential				

	Task Ele	ment Report		
TASK NUMBER / ELEMENT NUMBER	TASK STATEMENIS / DATA AND TASK ELEMENT STATEMENIS	O&Jt.	CIS	NO. OF OBJECTS
A1.4.2.5 FGR	WARD CONTINGENCY INFORMATION TO SUPERVISOR/ ANOT	HER CONTROLLER		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CR	ITICALITY: HI	
A1.4.2.5.1	PERFORM TEM M.2. Sending ATC MAIL #forwarding contingency information# 0			
A1.4.2.5.2	PERFORM VSCS, Initiating G/G Communications *forwarding contingency information*			
A1.4.2.5.3	INITIATE Flight_Data_Amendment message *to note contingency information in remarks section of flight data entry*	Flight_Oc	ata_Amendment	1
A1.4.2.5.4	EXECUTE Flight_Dota_Amendment message *enter information concerning contingency action*	Flight_Do	ata_Amendment	1
A1.4.2.5.5	DETECT system acceptance of _Flight_Data_Amendment message	Finght_Do	ata_Amendment	1
A1.4,2.6 INF	FORM DESIGNATED PERSONNEL OF AIRCRAFT HAVING FLIG	GHT PROBLEMS		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CF	RITICALITY: HI	
A1 4.2.6.1	PERFORM TEM M.2. Sending ATC Mail *sending contingency information*			
A1.4,2.6.2	O PERFORM TEM M.2, Initiating G/G Communications *sending contingency information*			
41.4.2.7 RE	QUEST RELAY OF INSTRUCTIONS TO PILOT (NORDO) FOR	IDENTIFICATION TURN/ TRA	NSPONDER RESPONSE	
	TASK TYPE: E/VC COORD MEDIA: V/M			
A1.4.2.7.1	PERFORM TEM M.2. Sending ATC Mail *request another controller aid in attempting to contact a NORDO aircraft*			
A1.4.2.7.2	O PERFORM VSCS. Initiating G/G Communications *requesting assistance from another controller or facility to attempt to issue instructions to pilot of NORDO arroraft			
A1.4.2.7.3	O PERFORM VSC, Communicating Normally Air-To-Ground *requesting a pilot to attempt to contact another pilot of a suspected NORDO aircroft*			
A1.4.2.8 C0	NDUCT SEARCH FOR AIRCRAFT WITHOUT RADIO CONTACT			
	TASK TYPE: E/A/VC COORO MEDIA: V/M	FREQUENCY: LOW C	CRITICALITY: HI	
A1.4.2.8.1	DECIDE appropriate course of action for search			
A1.4.2.8.2	PERFORM VSCS. Initioting G/G Communications *requesting information on overdue direcaft from another controller or facility* A/O			

		lask Elem				
TASK NUMBER / ELEMENT NUMBE	AND	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS		OBJECTS		
11 4 2 8	CUNDUCT SEARCH FOR AIRCRAF	T WITHOUT RADIO CONTACT				
	TASA TYPE: E/A/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	(Continued)	
11,4,2 8,3		. Sending ATC Mail ormation on NORDO				
11 4 2 8.4	PERFORM VSCS.	Communicating Normally *attempt to contact NORDO				
A1.4.2 8.5		Initiating Backup A/G *to set up emergency				
A1 4.2 8 6	PERFORM VSCS, Display/ Receiv	Adjusting Communication ing Modes Madjusting in/standby transmitter/				
41 4.2 9	OBSERVE AIRCRAFT TURN/ TRA	NSPONDER RESPONSE FOLLOWIN	NG IDENTIFICATION	REQUEST		
	TASK TVPE. R/A	COORD MEDIA:	FREQUENCY: MED	CRITICALITY: HI		
A1 4 2 9.1	_Situation_Disp	on Symbol. Data Block on play for differaft turn or sponse to instructions by y	Da	sition_Symbol ta_Block tuation_Display	•	1 1 1
A: 4,2 9 2	Šituation Disp	on_Symbol, ory, _Track_Vector on lay in response to ssued from an ATC facility	Po Tr	rget_Position_Symool sition_History ack_Vector		1 1 1
41 4 2 9 3	DETECT appropri	iate _Beacon_Code in on_Symbol of the aircraft		acon_Code arget_Position_Symbol		1
A1 4 2 9 4	DETECT _Ident_			dent_Indicator orget_Position_Symbol		1
A1 4,2 10	CONDUCT RADIO/ RADAR SEAR	CH FOR OVERDUE AIRCRAFT				
	TASK TYPE, R/A/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI		
A1 4 2 18 1	DECIDE approprisearch	iate course of action for		• • • • • • • • • • • • • • • • • • • •		
A1.4 2 18 c	_Background_De _Situation_Dis	play #transponder code or change of heading in C clearance*	Do 80	osition_Symbol ata_Block ackground Descriptor ituation_Display	·	38 27 1
A1 4,2 10 3	Air-To-Ground overdue aircro					
A1 4 2 10 4	PERFORM VSCS, Communications	Initiating G/G  *instructing a Flight in to attempt to contact ar	n			

	Tas	sk Element Report	
TASK NUMBER / ELEMENT NUMBE	TASK STATEMENTS / DATA / AND R TASK ELEMENT STATEMENTS	OBJECTS	NO. OF OBJECT
1.4.2.10	CONDUCT RADIO/ RADAR SSARCH FOR OVERDUE AIRCRA		
		FREQUENCY: LOW CRITICALITY: HI (Continued)	.)
1.4.2.10.5	PERFORM VSCS, Ensuring Guard Air-To-Ground Communications *moni emergency frequencies*	itor	
1.4.2.11	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARE	ED AND CONTINGENCY PLAN INVOKED	
		FREQUENCY: LOW CRITICALITY: EXT	
1.4.2.11.1	PERFORM VSCS. Receiving G/G Communications *information on emergency declaration and continger plan*		~
1 4.2.11.2	O PERFORM TEM M.1, Receiving ATC Mai *regarding emergency declaration ar contingency plan*		
1.4.2.12	RECEIVE SUPERVISOR NOTICE TO CONDUCT COMMUNICA	ATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT	
	TASK TYPE: R/VQ COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	- ·
1.4.2.12.1	PERFORM VSCS. Receiving G/G Communications *notice from superv to conduct communications search fo overdue aircraft*		
1.4.2.12.2	PERFORM TEM M.1. Receiving ATC Mai *notice from supervisor to conduct communications search for overdue aircroft≒		
1.4.2.13	RECEIVE NOTICE THAT SUPERVISOR WILL CONDUCT C	CONTUNICATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT	
	TASK TYPE: R/VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: MED	
11.4.2.13.1	PERFORM VSCS, Receiving G/G Communications *notice that superviolation communications searviolation overdue aircraft*		
A1.4.2.13.2	PERFORM TEM M.1, Receiving ATC Ma *notice that supervisor will condu communications search for overdue aircraft*		
A1.4,2.14	RECEIVE PILOT NOTICE OF EMERGENCY DECLARED		
	TASK TYPE: R/VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: EXT	
A1.4.2.14.1	PERFORM VSCS, Communicating Norma Air-To-Ground *pilot declares emer O		
A1.4.2.14.2	SEARCH _Target_Position_Symbol, _Full_Data_Block on _Situation_Dis for _Beacon_Code		30 1 1 1
A1.4.2.14.3	DETECT <u>Exception Beacon</u> Code, <u>Aircraft</u> Special_Condition *noti an emergency or radio failure beac	Exception_Beacon_Code ice of Aircraft_Special_Condition con	1

	losk blem	ment Report 		
TASK NUMBER	TASK STATEMENTS / DATA / AND			NO. OF
ELEMENT NUMB			OBJECTS	OBJECT:
41.4.3.1	PERCEIVE PRESENCE OF SPECIAL OPERATION			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
A1,4.3.1.1	ACQUIRE Full Data Black on Situation Display for special operations aircraft *special aircraft callsign which alerts controller to use special procedures* A/O	Full (	Data_Block ition_Display	27 1
A1.4.3.1.2	A/U ACQUIRE _Flight_Data_Entry on _Flight_Data_Disploy for special cperations aircraft A/O		nt_Data_Entry nt_Data_Display	20 1
A1.4.3.1.3	ACQUIRE Special_Use_Airspace_Status, _Special_Activity on _System_Status_Data_Display for special operation	Speci	iai_Use_Airspace_Status lol_Activity em_Status_Dota_Display	† 1 1
A1.4.3.1.4	RECOGNIZE _Target_Postion_Symbol associated with special operation	-	et_Postion_Symbol	1
A1,4,3,2	RECEIVE REVIEW/ NOTICE OF SPECIAL OPERATION	,		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.4.3.2.1	PERFORM TEM M.1, Receiving ATC Mail *receiving briefing on or notice of special operation*	, <b>,</b>		,,
41,4.3.2.2	PERFORM VSCS. Receiving G/G Communications *receiving information on special operation*			
A1.4.3.5	FORWARD NOTICE OF SPECIAL OPERATIONS TO ANOTHER CON	NTROLLER/ SUPERVISOR		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.4.3.3.1	PERFORM TEM M.2. Sending ATC Mail #forward information regarding special operation#			
A1.4.3.3.2	O PERFORM VSCS, Initiating G/G Communications *notifying other personnel of special operation*			
A1.4,4.1	OBSERVE NEW FLIGHT PLAN POSTING			
	TASK TYPE: P COORD MEDIA:		CRITICALITY: MED	
A1.4.4.1,1	ACQUIRE _Flight_Data_Entry on the _Flight_Data_Display *for new flight data*	Flig Flig	jht_Data_Entry jht_Data_Display	2Ø 1
A1.4.4.2	<del>-</del>			
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	
A1.4.4.2.1	SEARCH Flight Data Entry on Flight Data Entry on Flight Data Display to ensure that appropriate Fields are present		ght_Data_Entry ght_Duta_Display	1
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			Task Elem	ent Report			
TASK NUMBER /	r ER	TASK STATEMENTS AND TASK ELEMENT ST				OBJECTS	NO. OF
A1.4.4.2	REVIEW FLI	GHT PLAN FOR COM					
	TASK	TYPE: R/A	COGRD MEDIA:	FREQUENCY:	LOW	CRITICALITY: MED (Continued)	
A1.4.4.2.3		DECIDE what dat _Flight_Data_En	a are missing from try *after scaning each line if necessary			ht_Data_Entry	1
1.4.4.3	ENTER FLIG	HT PLAN			- <b>-</b>		
			COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: LOW	
41.4.4.3.1			ht_Plan message for input				1
41.4.4.3.2		EXECUTE _Fligh	nt_Plan message		Flig	ht_Plan	1
A1.4.4.3.3		DETECT system o	acceptance of IFR flight				
A1.4.4.4	ACKNOWLEDG	SE NEW FLIGHT PLA					
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY:	l.0W	CRITICALITY: LOW	
A1.4.4.4.1		INITIATE _Ackr _Posting messag of a new flight	nowledge_Flight_Data_Entry ge to acknowledge receipt L data entry		Ackr	nowledge_Flight_Data_Entry_Posting	1
A1.4.4.4.2		EXECUTE _Acknoted Posting message	owledge_Flight_Dota_Entry_ e		Ackr	nowledge_Flight_Data_Entry_Posting	1
A1.4.4.4.3		DETECT system ( _Acknowledge_F message *deem	light_Data_Entry_Posting phasis of data*			nowledge_Flight_Data_Entry_Posting	1
A1.4.4.5	REVIEW FL	IGHT PLAN FOR ER	RORS/ DATA LIST SEQUENCE			~=~~	
	TASK	TYPE: R/A	COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: LOW	
A1.4.4.5.1		_Flight_Nata_D	t_Data_Entry on isploy for errors and quence in data list		Fliq Fliq	ght_Data_Entry ght_Data_Display	1 1
A1.4.4.5.2		ASSESS correct _Flight_Dota_E	ness of information in ntry		Flig	ght_Data_Entry	1
A1.4.4.5.3		_flight_Doto_E field to deter invormation av			Fli	ght_Data_Entry	1
Λ1,4,4.5.4		DECIDE if _Fli proper positio _Flight_Data_D	ght Data Entry is in the n in the data list on the isplay		Fli	ght_Data_Entry ght_Data_Display	1
A1.4.4.6	RECEIVE F	LIGHT PLAN FROM					
	TASK	TYPE: VC	COORD MEDIA: V	FREQUENCY:	ron	CRITICALITY: LOW	
A1.4.4.6.1			Communicating Normally *receive flight plan from		**************************************		
A1.4.4.7		LIGHT PLAN VERBA					
			COORD MEDIA: V	FREQUENCY:	LOW	CRITICALITY: LOW	
A1.4.4.7.1		PERFORM VSCS,	Receiving G/G *receiving flight plan				

	Task Elem	ent Report		
TASK NUMBER ELEMENT NUMB	TASK STATEMENTS / DATA / AND ER TASK ELEMENT STATEMENTS		OBJECTS	NO. O OBJEC
11.4.4.8	QUERY PILOT ABOUT FLIGHT PLAN			
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
11.4.4.8.1	PERFORM VSCS, Communicating Normally Air-To-Ground *question pilot regarding filed flight plan*			
A1.4.4.9	QUERY THE RELAYER OF A FLIGHT PLAN	<b></b>		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LCW	CRITICALITY: MED	
A1.4.4.9.1	PERFORM TEM M.2. Sending ATC Moil *informing of error/ validation*			
A1.4.4.9.2	PERFORM TEM M.1, Receiving ATC Mail *flight plan error/ validation* O			
A1.4.4.9.3	PERFORM VSCS. Initiating G/G Communications *informing of error or need for validation*			
A1.4.4.9.4	PERFORM VSCS, Receiving G/G Communications *flight plan error/ validation*			
A1.4 4.10	FORWARD FLIGHT PLAN VERBALLY			
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
A1.4.4.10.1	PERFORM VSCS, Initiating G/G Communications *forwarding flight plan to another controller*			
A1.4.4.11	ENTER STEREO FLIGHT PLAN			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW	
A1.4.4.11.1			reo_Flight_Plan	1
A1.4.4.11.2	EXECUTEStermo_Flight_Plan message	Ster	reo_Flight_Plan	1
A1.4.4.11.3	DETECT system acceptance of stereo flight plan			
A1.4.4.12	ENTER VFR FLIGHT PLAN			
	TASK TYPE: E COORD MEDIA:		CRITICALITY: LOW	
A1.4.4.12.1	;NITIATE VFR Flight Plan message for input of VFR flight plan	VFR	_Flight_Plan	1
A1.4.4.12.2	EXECUTE _VFR_Flight_Plan message	VFR	_Flight_Plan	1
A1.4.4.12.3	DETECT system acceptance of VFR flight plan			
A1.4.4.13	REQUEST FLIGHT PLAN READOUT			
i	TASK TYPE: E COCKO MEDIA:	FREQUENCY: LOW	CRITICALITY: LGA	
A1.4.4.15.1	INITIATE _Request_Flight_Data_Readout message	Req	west_flight_Data_Readout	1

	Task Elem	.enc report	
TASK NUMBER / ELEMENT NUMBE		OBJECTS	NO. CF OBJECTS
A1.4.4.13	REQUEST FLIGHT PLAN READOUT		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LCW CRITICALITY: LOW (Continued)	
A1.4.4.13.2	EXECUTE _flight_Data_Readout message	Flight_Data_Readout	1
A1.4.4.13.3	DETECT appearance of _Flight_Data_Readout in _Flight_Data_Readout_Area	Flight_Data_Readout Flight_Data_Readout_Area	1 1
A1.4.4.13.4	O INITIATE Query_Data_Base_For_Selected_ Raadout *flight plan*	Query_Data_Rase_For_Selected_Readout	1
A1.4.4.13.5	EXECUTEQuery_Data_Base_For_Selected_R eadout *flight plan*	wuery_Data_Base_For_Selected_Readout	1
A1.4.4.13.6	DETECT Flight Plan readout on _System_Query_Response of _Response_Display	System_Query_Response Response_Display	1 1
A1 4.4.14	ENTER SCRATCH PAD DATA IN FULL CATA BLOCK	, <del></del>	
~	TASK TYPE: E COORD MEDIA:	FREQUENCY: MED CRITICALITY: MED	
A1.4.4.14.1	IN1/IATE _Enter_Scratch_Pad_Data message	Enter_Scratch_Pad_Data	1
A1.4.4.14.2	EXECUTE _Enter_Scrutch_Pad_Data message	Enter_Scratch_Pad_Data	1
A1.4.4.14.3	OETECT system acceptarce of _Enter_Scratcn_Pad_Data message	Enter_Scratch_Pad_Data	1
A1.4.5.1			.=
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.4.5.1.1	ACQUIRE Flight Data Entry on Flight Data Display for emphasized flight data revisions *option 1*	Flight Data Entry Flight Data Display	20 1
A1.4.5.1.2	ACQUIRE _Flight_Data_Entry on _Flight_Data_Display for emphasized flight_data_revisions *option 2*	Flight_Data_Entry Flight_Data_Display	20 1
A1.4.5.1.3	*INITTATE _Acknowledge_FDE_Change message *deemphasize new data*	Acknowledge_FDE_Change	1
A1.4.5.1.4	*EXECUTE _Acknowledge_FDE_Change message	Acknowledge_FDE_Change	1
A1.4.5.1.5	*DETECT deemphasized field in _Flight_Data_Entry in _Flight_Data_Area 	Flight_Dato_Entry Flight_Data_Area	1 1
A1.4.5.1.6	ACQUIRE _Flight_Data_Readout_Area on _Flight_Data_Display for emphasized field in _Flight_Data_Entry	Flight_Data_Readout_Area Flight_Data_Display Flight_Data_Entry	1 1 1
A1.4.5.1.7	COMPARE new data in _Flight_Data_Entry in _Flight_Data_Readout_Area to old data in _Flight_Data_Area on _Flight_Data_Display	Flight_Data_Entry Flight_Data_Readout_Area Flight_Data_Area Flight_Data_Display	1 1 1
A1.4 5.1.8	*INITIATE _Acknowledge_FDE_Changa *display new data in Flight Data Area*	Acknowledge_FDE_Change	1
A1.4.5.1.º	*EXECUTE _Acknowledge_FDE_Change	Acknowledge_FDE_Change	1

		ent Report		
TASK NUMBER ,	TASK STATEMENTS / DATA / AND		NO. OF	
ELEMENT NUMBE		08JECTS		
A1.4.5.1	RECEIVE FLIGHT DATA REVISION			
	T/SK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI (Continued)		
A1.4.5.1.10	*DETECT replacement of old field data	Flight_Data_Entry	1	
	with new field data in _Flight_Data_Entry of _Flight_Data_Area	Flight_Data_Entry Flight_Data_Area Flight_Data_Readout_Area	1 1	
	an' the absence of flight data in _flight_Data_Rendout_Area			
	COMMANDE DI TOUT DATA ENTRY SOCTIAN COD DEMINICO AC	TTOOL		
A1.4.5.2	EMPHASIZE FLIGHT DATA ENTRY POSTING FOR REMINDER AC			
	TASK TYPE: E COORD MEDIA:	· · · · · · · · · · · · · · · · · · ·		
A1.4.5.2.1	<pre>INITIATE _Flight_Data_Entry_And_Data_Fie ld_Emphosis message for emphosis of data contained in flight data entry</pre>	Flight_Data_Entry_And_Data_Field_Emphasis	1	
A1.4.5.2.2	<pre>EXECUTE _FDE_And_Data_Field_Emphasis messaga</pre>	FDE_And_Data_Field_Emphasis	1	
A1.4.5.2.3	DETECT emphasized field in the Flight Data Entry on the Flight Data Display	Flight_Data_Entry	1	
A1.4.5.3				
	TASK TYPE: E COORD MEDIA:	FREQUENCY: MED CRITICALITY: HI		
A1.4.5.3.1	INITIATE Flight Data Amendment *for amendment of data contained in flight data entry*	Flight_Data_Amendment	1	
A1.4.5.3.2	EXECUTE _Flight_Dota_Amendment message	Flight_Uato_Amendment	1	
A1.4.5.3.3	DETECT appropriately modified data in _Flight_Data_Entry on _Flight_Data_Oisplay	Flight_Data_Display	1	
A1.4.5.4	ENTER PILOT'S POSITION REPORT IN SYSTEM			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED		
A1.4,5.4.1	INITIATE _Progress_Report Message *for input of fliht position report*	Progress_Report	1	
A1.4.5.4.2	EXECUTE _Progress_Report message	Progress_Raport	1	
A1.4.5.4.3	DETECT system acceptance of the _Progress Report message by observing	Progress Report Flight Data Entry	1	
	the appropriate data field in the Flight_Data_Entry on the Flight Data Display	1 21g/it_dddd_chai y	1	
A1.4.5.5	DELETE FLIGHT DATA ENTRY EMPHASIS			
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW		
A1.4.5.5.1	INITIATE _FDE_And_Data_Field_Emphasis message for deselection of emphasisized data field in _Flight_Data_Entry on Flight Data Display	FDE_And_Data_Field_Emphasis Flight_Data_Entry	1 1	
Λ1.4.5.5.2	EXECUTEflight_Data_Entry_And_Data_Fir ld_EmphasIs_message	Flight_Data_Entry_And_Data_Field_Emphasis	1	

	·	·	Task Elen	ent Report		
TASK NUMBER		TASK STATEMENTS				NO. OF
ELEMENT NUMBE	ER 	TASK ELEMENT ST	TATEMENTS		OBJECTS	OBJECT:
A1.4.5.5	DELETE FLIGHT DATA ENTRY EMPHASIS					
	TASK	TYPE: E	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW (Continued)	
A1.4.5.5.3		RECOGNIZE removemphasis in the the _Flight_Date	val of flight data e_flight_Data_entry on ca_Disploy	Flig Flig	ht_Dato_entry ht_Dato_Display	1 1
A1.4.5.6	RECEIVE FL	IGHT PLAN AMENON	MENT VERBALLY FORWARDED			
	1'ASK	TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
A1.4.5.6.1		PERFORM VSCS, Communications amendment*	*receive flight plan	1441144444444		
A1.4.5.7	RECEIVE PI	LOT'S POSITION				
	TASK	TYPE: VC	COURD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
Aí.4.5.7.1		Air-To-Ground report from pi	Communicating Normally *receiving a position lot*			
A1.4.5.8		IGHT PLAN AMEND				
	TASK	TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
A1.4.5.8.1		Communications	Initiating G/G #forwarding flight plan to another controller*			
A1.4.5.9	INFORM CON	TROLLER UNABLE	FLIGHT PLAN AMENDMENT			
	TASK	TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CR1 (ICALITY: MED	
A1.4.5.9.1		*advising a co flight plan am	2, Sending ATC Mail ntroller unable to accept endment*			~~~
A1.4.5.9.2		Communications	Initiating G/G *advising controller of pt flight plan amendment*			
A1.4.5.10	RECEIVE CO	ONTROLLER ADVICE	OF UNABLE FLIGHT PLAN AME	NDMENT		
	TASK	TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
A1.4.5.10.1		PERFORM TEM M. *receive notic of unable to a amendment*	1, Receiving ATC Mail e from another controller accept flight plan			
A1.4.5.10.2		Communications unable to acce	Receiving G/G **receive information of pt amendment message*			
A1.4.5.11		EQUESTED FLIGHT		·•		
	TASK	TYPE. R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.4.5.11.1			1, Receiving ATC Mail est for flight plan			
		PERFORM VSCS,				

		ent Report 		
TACK NIMBER /	TASK STATEMENTS / DATA AND R TASK FLEMENT STATEMENTS		NO. OF	
ELEMENT NUMBER		OBJECTS		
11.4.5.11 F	RECEIVE REQUESTED FLIGHT PLAN CHANGES			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY MED (Continued)		
A1.4.5.11. <b>3</b>	PERFORM VSCS, Communicating Normally Air-To-Ground *receive a request for flight plan changes from a pilot*		••••	
A1.4.6.1	RECEIVE HANDOFF REQUEST			
	TASK TYPE: R/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: HI		
A1.4.6.1.1	SEARCH Track Position Symbol, Leader Line, or Data Block for indication of handoff directed to sector	Track Position Symbol	30 27 27	
A1.4.6.1.2	DETECT Handoff_Status/Indicator in Full_Data_Block, Portial_Data_Block, Leader_Line, Track_Position_Symbol on Situation_Display	Handoff_Status/Indicator Full_Data_Block Partial_Data_Block Leader_Line Track_Position_Symbol	1 15 7 27 30	
A1.4.6.1.3	EXTRACT _Initiating_Sector/Position_Ide ntification_from _Full_Osta_Block, _Leader_Line, or _Track_Position_Symbol on_the Situation Display O	Full Data Block	1 15 27 3Ø	
A1.4.6.1.4	•			
A1.4.6.2	DENY HANDOFF	·		
	TASK TYPE: E/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: HI		
A1.4.6.2.1	INITIATE Reject Handoff message *to indicate the non-acceptance of a handoff*	Reject_Handoff	1	
A1.4.6.2.2	EXECUTE _Reject_Handoff message	Reject_Hondoff	1	
A1.4.6.2.3	DETECT system acceptance of _Reject_Handoff message	Reject_Handoff	1	
A1.4.6.2.4	PERFORM VSCS, Initiating G/G Communications *advising of handoff rejection*			
A1.4.6.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START			
	TASK TYPE: E/R/VC COORD MEDIA: V	FREQUENCY: LUM CRITICALITY: HI		
A1.4.6.3.1	PERFORM VSCS, Receiving G/G Communications *accepting verbal handoff*			
A1.4.6.3.2	INITIATE _Track message *start*	Track	1	
A1.4.6.3.3	EXECUTE _'frack message	Track	1	
A1.4.6.3.4	DETECT _Track Position Sympol and associated _Full_Dato_Block on _Situation_Display *results of track start message*	-	1 1	
	ACCEPT AUTOMATIC HANDOFF			
	TASK 1YPE: E COORD MEDIA: F	FREQUENCY: HI CRITICALITY: HI		
A1.4.6.4.1			<u>-</u>	

	Tas	sk Element Report	
TASK NUMBER / ELEMENT NUMBER	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS	OBJECTS	NO. OF OBJECTS
A1.4.6.4 ACCEPT	AUTOMATIC HANDOFF		
т	TASK TYPE: E COURD MEDIA: F	FREQUENCY: HI CRITICALITY: HI (Continued)	
11.4.6.4.2	EXECUTE _Accept_Handoff Message	Accept_Handoff	1
A1.4.6.4.3	DETECT appearance of _Accepted star Handoff_Status/Indicator of _Full_Data_Block, _Leuder_Line, or _Track_Position_Symbol on _Situation_Display	Handoff_Status/Indicator Full Data_Block	1 1 1 1 1
A1.4.6.5 DETERM	TINE THAT AIRCRAFT IS ENTERING SECTOR		*******
T	FASK TYPE: A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
A1.4.6.5.1	ACQUIRE Geographic_Map_Data and Background Descriptor on Situation Display for information may uid in determining if aircraft entering sector	that Situation Display	1 1 1
A1.4.6.5.2	A/O ACQUIRE Static Information Displ information that may aid in determ if aircraft is entering sector	lay for Static_Information_Display mining	1
A1.4.6.5.3	A/O ACQUIRE Flight_Data_Entry, Time _flight_Data_Display *for flight entry of aircraft potentially ente sector*	data Time	2 <b>0</b> 1 1
A1.4.6.5.4	SYNTHESIZE last known position, ti last known position, speed, route, current time and map data into a m picture of aircraft position	, and	
A1.4.6.5.5	PROJECT mental picture of aircraft position with respect to location sector boundary		
A1.4.6.5.6	RECOGNIZE aircraft is entering sec airspace	ctor	•
A1 4.6.6 DETER	MINE RESPONSE TO HANDOFF REQUEST		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
A1.4.6.6.1	SCEARCH Position_Symbol, Full_Data_Block, Background_Desc un_Situation_Display to determine response to a Handoff Request		30 15 1
Α1.4.6.6.2	A/O  SEARCH Flight Data Entry, Time Flight Data Display for informat: concerning whether or not to acceptandoff	ion Time	20 1 1
A1.4.6.6.3	SYNTHESIZE ultitude, speed, route time information into a mental tropicture with regard to accepting b	raffic	
A1.4.6.6.4	DECIDE whether or not to accept he based on mental traffic picture	andoff	
A1.4.6.7 RECEI	VE CONTROL OF AIRCRAFT		
	TASK TYPE: R/VC COORD MEDIA: V/M	frequency: LOW CRITICALITY: HI	
A1.4.6.7.1	PERFORM VSCS, Receiving G/G Communications *release of contr another controller/ facility* 0	rol frum	., -, -, -, -, -, -, -, -, -, -, -, -, -,

	Task Eleme	nt Report	
TACK AN MORD	TASK STATEMENTS / DATA		
TASK NUMBER / ELEMENT NUMBE		O9JECTS	NO. OF OBJECT
1.4.5.7	RECEIVE CONTROL OF AIRCRAFT		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI (Continued)	
1.4.6.7.2	PERFORM TEM M.1, Receiving ATC Mail *release of control from another controller/ facility*		
1.4.6.8	REQUEST TRANSFER OF CONTROL		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
11.4.6.8.1	PERFORM TEM M.2, Sending ATC Mail *requesting control of an aircraft*		
A1.4.6.8.2	PERFORM VSCS. Initiating G/G Communications *action to request control of aircraft*		
A1.4.7.1	INITIATE HANDOFF FUNCTION		
	TASK TYPE: E COORD MEDIA: F	FREQUENCY: LOW CRITICALITY: HI	
A1.4.7.1.1	INITIATE _Initiate_Handoff message to start handoff action to another sector or facility	Initiate_Handoff	1
A1.4.7.1.2	EXECUTE _Initiate_Handoff message	Initiate_Handoff	1
A1.4,7.1.3	DETECT acceptance of the _Initiate_Handoff message by observing the _Handoff_Status/Indicator in the Full Data Black	Initiate Handoff Handoff_Status/Indicator	1
A1.4.7.2	OBSERVE AUTOMATIC INITIATION OF HANDOFF		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI	
A1.4.7.2.1	ACQUIRE Handoff Status/Indicator in the Full Data Elock and/or Handoff_Indicator in _Leader_Line or _Track_Position_Symbol	Handoff_Status/Indicator Fuli_Data_Block Hundoff_Indicator Leader_Line Track_Position_Symbol	1 1 1 1
A1.4.7.3	RETRACT HANDOFF		
	TASK TYPE: E/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: HI	
A1.4,7,3.1	INITIATE _Retroct_Handoff message to recall a previously initiated handoff	Retract_Kandoff	1
A1.4.7.3.2	EXECUTE _Retract_Handoff message	Retract_Handoff	1
A1.4.7.3.3	DETECT system acceptance of the _Retract_Handoff message by observing the removal of _Handoff_Alert_Status_Ind icator in the _Full_Cata_Black	Retract_Handoff  andoff_Alert_Status_Indicator  Full_Doto_Block	1 1 1
A1.4.7.3.4	O PERFORM VSCS, Initiating G/G Communications *handoffretraction*		
A1.4.7.4	RECEIVE HANDOFF ACCEPTANCE	·	·
	TASK TYPE: R/VC COORD MEDIA: V/F	FREQUENCY: HI CRITICALITY: HI	
A1.4.7.4.1	SEARCH for _Handoff_Status/Indicator in the _Full_Data_Block on Situation Display		1 1

			ent Report		
TASK NUMBER /					NO. OF
ELEMENT NUMBER	TASK ELEMENT ST	ATEMENTS		OBJECTS	OBJECTS
11.4.7.4 RE	ECEIVE HANDOFF ACCEPTANCE				•
	TASK TYPE: R/VC	COORD MEDIA: V/F	FREQUENCY: HI	CRITICALITY: HI (Contin	ued)
11.4.7.4.2	in the Handoff	cepted status indication Status/Indicator field a Block that the handoff	A	ccepted ondoff_Status/Indicator	1
11.4.7.4.3	PERFORM VSCS.	Receiving G/G *handoff acceptance*			
A1.4.7.5 D	ISCUSS TRANSFER OF CONTRO	OL WITH OTHER CONTROLLER			
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
41,4.7.5.1	PERFORM VSCS. Communications concerning tran aircraft* A	Initiating G/G *forwarding information asfer of control of an		***************************************	
A1.4.7.5.2	PERFORM VSCS.	Receiving G/G *information on transfer			
A1.4.7.6 I	NITIATE VERBAL HANDOFF				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
A1.4.7.6.1	PERFORM VSCS.	Initiating G/G *notice of handoff to			
A1,4,7,7 F	RECEIVE REQUEST FOR TRANS	FER OF CONTROL			
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
A1.4.7.7.1	PERFORM VSCS, communications		~		
A1.4.7.7.2	PERFORM TEM M.	<ol> <li>Peceiving ATC Mail uest for transfer of aircraft*</li> </ol>			
A1.4.7.8	DETERMINE THAT AIRCRAFT I	S LEAVING SECTOR			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI	
A1.4.7.8.1	_Background_De _Target_Positi _Situation_Dis determine if a	prophic Map Data, escriptor, and on Symbol on play for information to dircraft is leaving sector		Geographic Map Data Background_Descriptor Target Position Symbol Situation_Display	1 1 1 1
A1.4.7.8.2	aeronautical o determining if sector	ic_Information_Display for thart data that may aid in aircraft is leaving		Static_Information_Display	1
A1.4.7.8.3	_Flight_Data_f	(O nt_Data_Entry, _Time on Display *for Flight Data otentially leaving sector*		Flight_Data_Entry Time Flight_Data_Display	2Ø 1 1
A1.4.7.8.4	last known pos	st known position, time at sition, speed, route, and and map data into a mental			

		Task Elem	ment Report		,	
TASK NUMBER	TASK STATEMENTS / AND					NO. OF
ELEMENT NUMB		TATEMENTS		OBJECTS		08JECTS
A1.4.7.8	DETERMINE THAT AIRCRAFT IS					,
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI	(Continued)	
A1.4.7.8.5		picture of aircraft respect to location of y				
A1.4.7.8.6	RECOGNIZE airer airspace	raft is leaving sector				
A1.4.7.9	DETECT MANUAL HANDOFF MODE		***********		,	
		COORD MEDIA:	FREQUENCY: LO	W CRITICALITY: ME	D	
A1.4.7.9.1	ACCUIRE Full	_Data_Block on play for auto handoff ption		Full_Data_Block Situotion_Disploy		27 1
Λ1.4.7.9.2	ACQUIRE _Track Taruet Positio			Track_Status Target_Position_Symbol		1
A1.4.7.9.3		, the automatic handoff en inhibited and that a r is necessary				
A1.4,7.10	REQUEST TRANSFER OF FLIGH	IT PLAN DATA TO ANOTHER FAC	CILITY			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LO	W CRITICALITY: ME	.D	
A1.4.7.18.1	INITIATE _Tra to transfer fl facility	unsfer_Flight_Plan message light plan data t∪ another		Transfer_Flight_Plon		1
A1.4.7.10.2	EXECUTE _Tran	nsfer_Flight_Plan message		Transfer_Flight_Plan		ì
A1.4.7.10.3	DETECT system Flight Plan me	acceptance of Transfer essage				
A1.4.7.11	INFORM CONTROLLER OF ANY	CONDITIONS AFFECTING TRANS				,,
		COORD MEDIA: V/M		OW CRITICALITY: HI	1	
A1.4.7.11.1	*informing con	.2, Sending ATC Mail ntroller of any conditions transfer of control of an			***************************************	
A1.4.7.11.2	Communications	Initiating G/G s *informing a controller ions affecting the transfer an aircraft*				
A1.4.7.12	INFORM CONTROLLER OF REL'	INQUISHED CONTROL OF AIRCRA	AFT			
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: ME	ED CRITICALITY: HI	I	
A1.4.7.12.1	*advising cont control of an					
A1.4.7,12.2	O PERFORM VSCS,					

	Tos	Report	
TASK NUMBER / ELEMENT NUMBER	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS	OBJECTS	NO. 0F
EFFICIAL MOUNTY	CINDRICATE INDICATE	0835612	OBJEC1
1.4.7.13 DETE	CCT HANDOFF ALERT INDICATION		
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
11.4,7.13,1	SEARCH _Full_Data_Block on theSituation_Display for status of handa	Full_Data_Block ff Situation_Display	15 1
11.4.7.13.2	DETECT Handoff Not Accepted indication *handoff alert Indication* in Full_Data_Block *indicating that a handoff has not been accepted within parameter time/distance from boundary*	n Handoff_Not_Accepted Full_Data_Block	1
41.4.7.13.3	EXTRACT the emphasized data regarding the non-acceptance of a handoff		
A1.4.7.14 RED	IRECT HANDOFF		
	TASK TYPE: E COORD MEDIA: V/F	FREQUENCY: LCW CRITICALITY: HI	
A1.4.7.14.1	INITIATE Redirect Handoff message to initiate a handoff to another position or facility	Redirect_Handoff	1
A1.4.7.14.2	EXECUTE _Redirect_Handoff message	Redirect_Ha.doff	1
A1.4.7.14.3	DETECT system acceptance of the Redirect_Handoff message by observing the Handoff_Status/Indicator in the _Full_Data_Block	Redirect Handoff Handoff Status/Indicator Full_Data_Block	1 1 1
A1.4.7.15 REC	EIVE HANDOFF REJECTION		
	TASK TYPE: R/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: EXT	
A1.4.7.15.1		Handoff_Status/Indicator off Full_Datu_Block	1
A1.4.7.15.2	PERFORM VSCS. Receiving G/G Communications *notice of handoff rejection*		
A1.4.8.1 INI	TIATE POINTOUT		
	TASK TYPE: E/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: HI	
A1.4.8.1.1	INITIATE _Initiate_Pointaut message t point out target to another sector or facility	o Initiate_Pointout	1
A1.4.8.1.2	EXECUTE _Initiate_Pointout message	Initiate_Pointout	1
A1.4.8.1.3	DETECT _Initiate_Pointout message acceptance by the system by observing the Pointout Indicator in the _Full_Data_Block on the Situation Display	Initiate_Pointout Pointout_Indicator Full_Data_Block	1 1 1
A1.4.8.1.4	O PERFORM VSCS, Initiating G/G Communications *pointout*		
A1.4.8.5 FOR	RCE FLIGHT DATA ENTRY TO ANOTHER CONTROLLER		
	TASK TYPE: E COORD MEDIA: F		
A1.4.8.3.1	INITIATE Flight Data Entry Pointout message to force flight data to anoth sector or facility	Flight_Duto_Entry_Pointout	1

		nelj kzbī	ent Report		
Tax	TASK STATEMENTS	/ DATA			NO 05
TASK NYMBER - SLEMENT NAMBER	AND TASK ELEMENT STA	TEMENTS		OBJECTS	NO. OF OBJECTS
1.4 8.3 FO	RCE FEIGHT DATA ENTRY TO	ANOTHER CONTROLLER			
	TASK TYPE: E	COORD MEDIA: F	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
1 4.8 5.2	EXECUTE _Flight message	_Data_Entry_Pointout	Flig	pht_Data_Entry_Pointout	1
1.4 8 3 3	DETECT system ac entry pointout m	•			
11 4.8 4 RE	CEIVE ACCEPTANCE OF POIN				
	TASK TYPE: R/VC	COORD MEDIA. V/F	FREQUENCY: MED	CRITICALITY: HI	
11 4 8 4.1	PERFORM VSCS, 1 Communications acceptance#	Receiving G/G *notice of pointout			
11,4 8 4 2	ACQUIRE Point	out Indicator in 11_Data_Block for waccept*		ntout_Indicator 1_Data_Black	1
A1,4.85 RE	CEIVE REJECTION OF POINT	OUT		***************************************	
		COORD MEDIA: V/F	FREQUENCY: LOW	CRITICALITY: HI	
11.4 8.5.1		Receiving G/G *rejection of pointout*			
N1 4 8.5.2		out_Indicator in ll_Data_Block for *reject*		ntout_Indicator 1_Data_Block	1
A) 4 8.7 Dī	SCUSS POINTGUT WITH OTHE	R CONTROLLER		······································	
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
A1 4 8.7.1	PERFORM VSCS, Communications regurding a poi	"informing controller			
A1.4 3 7.2	PERFORM VSCS, Communications	Receiving G/G #discuss pointout#			
A1 4.9.1 RE	CEIVE POINTOUT				
	TASK TYPE: R/VC	COORD MEDIA: V/F	FREQUENCY: MED	CRITICALITY: HI	
A1.4 9.1.1	_Full_Data_tloo	out_indicator in k for indication of directed to sector		ntout_Indicator .1_Data_8lock	1 1
A1.4.9.1.2	_	Receiving G/G #pointout request#			
A1,4.9 1.3		Data_Block forced onto play		ll_Data_Block .ugtion_Display	1
A1 4 9.1.4	ACQUIRE _Flight_Dato_D	nt_Data_Entry forced onto isplay *FDE pointout*	F1:	ight_Data_Entry ight_Oata_Disploy	1 1
A1,4,9,2 A	CCEPT POINTOUT				
	TASK TYPE: E/VC	COORD MEDIA: V/F	FREQUENCY: MED	CRITICALITY: HI	
A1,4,9,2 1		Initiating G/G #paintout acceptance#			

	Task Elemen	nt Report	
TASK NUMBER /	TASK STATEMENTS / DATA AND		NO. CF
ELEMENT NUMBER		OBJECTS	OBJECTS
A1.4.9.2 AC	CCEPT POINTOUT		<b></b>
:	TASK TYPE: E/VC COORD MEDIA: V/F	FREQUENCY: MED CRITICALITY: HI (Continued)	
A1.4.9.2.2	INITIATE _Pointout_Accept message for acceptance of data block pointout	Pointout_Accept	1
A1 4.9.2.3	EXECUTE _Paintout_Accept message	Pointout_Accept	1
A1.4,9.2.4	DETECT Accept in _Pointout_Indicator in _FullData_Block	Accept Pointout_Indicator FullData_Block	1 1 1
A1.4.9.3 DE	ENY POINTOUT		
	TASK TYPE: E/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: HI	
A1 4.9.3.1	PERFORM VSCS. Initiating G/G Communications *pointout rejection* O		
A1.4.9.3.2	U INITIATE _Pointout_Reject message to reject a data block pointout	Pointout_Reject	1
A1.4.9.3.3	EXECUTE _Paintout_Reject message	Pointout_Reject	1
A1.4.9.3.4	DETECT _Rejecta in _Pointout_Indicator in _Full_Data_Block	Rejecta Pointout_Indicator Fuli_Data_Block	1 1 1
A1.4.9.4 SI	SUPPRESS FULL DATA BLOCK AFTER POINTOUT		~
		FREQUENCY: LOW CRITICALITY: LOW	
A1.4.9.4.1	INITIATE Force Data Block message to remove a _Data_Block from _Situation_Display which had been previously forced to the sector concerned		1 1 1
A1.4.9.4.2	EXECUTE _Force_Data_Block message	Force_Data_Block	1
A1.4.9.4.3	RECOGNIZEData_Block removal fromSituation_Display	Data_Block Situation_Display	1
A1.4.9.5 D	DETERMINE RESPONSE TO POINTOUT	,	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.4.9.5.1	ACQUIRE Position Symbol, Data Block, Background Descriptor on Situation Display to determine necessity to accept/ reject pointout		30 27 3 1
A1.4.9.5.2	A/O ACQUIRE Flight Data Entry, Time on Flight Data Display to determine action required regarding pointout	Flight_Data_Entry Time Flight_Data_Display	1 1 1
A1.4.9.5.3	SYNTHESIZE altitude, route, aircraft, and speed information into a mental picture with regard to pointout		
A1.4.9.5.4	DECIDE appropriate response to pointout.		
A1.4.1Ø.2	APPROVE CLEARANCE REQUEST		******
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: HI CRITICALITY: HT	
A1.4.10.2.1	PERFORM VSCS. Initiating G/G Communications *giving approval to a clearance request* 0		

		Task Elem	ent Report			
TASK NUMBER /	TASK STATEMENTS / AND ER TASK ELEMENT STA					NO. OF
ELEMENT NUMBE	ER TASK ELEMENT STA			OBJECTS		OBJECTS
41.4.10.2	APPROVE CLEARANCE REQUEST					
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: HI	CRITICALITY: HI	(Continued)	
A1.4.1Ø.2.2	PERFORM TEM M.2	. Sending ATC Mail l to a clearance request*				
A1.4.10.3	SUGGEST CLEARANCE ALTERNAT					
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: MED	CRITICALITY: MED		
A1.4.1Ø.3.1	Air-To-Ground pilot⊭	Communicating Normally *clearance alternative to				
л.4,1 <b>0,</b> 4	FORMULATE A CLEARANCE WITH	APPROPRIATE INSTRUCTIONS				
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: HT	CRITICALITY: HI		
A1.4.10.4,1	_Weather_Descri Backaround Des	ion_Symbol, _Data_Black, ptor, criptor on lay for information ormulating a clearance	Data_Black Weather Descriptor			3Ø 27 1 1
A1.4.10.4.2	airspace inform	tude, route, weather, and mation into a mental with regard to Elearance				
A1.4.18.4.3		coronce with oppropriate opprovide required				
A1.4.10.5	ISSUE CLEARANCE AND INSTRI	JCTIONS TO PILOT				+
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: HI	CRITICALITY: HI		
A1.4.18.5.1	*CROSS-REFEREN planned action:	CEFlight_Data_Entry for s and instructions	F1:	ight_Datu_Entry		1
A1,4, <b>10.5.</b> 2		Communicating Normally *current clearance and				
A1.4.10.6	ISSUE CLEARANCE THROUGH A	TCT/FSS FOR RELAY TO PILOT				
	TASK TYPE: E/VC	COORO MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI		
A1.4.10.6.1	Communications instructions f	Initiating G/G #clearance and or relay to pilot*		######################################		
A1.4.10.6.2						
A1.4.10.7	VERIFY AIRCRAFT COMPLIANC	E WITH CLEARANCE				
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: HI	CRITICALITY: HI		
A1.4.10.7.1	_Weather_Descr Background De		Do We	osition_Symbol ota_Block outher_Descriptor ckground_Descriptor utuotion_Display		30 27 1 1 1

	Task	Element Report	
TASK NUMBER / ELEMENT NUMBE		OBJĘCTS	NG. OF OBJECT
1.4.10.7	VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: HI (Continued)	
A1.4.1Ø.7.2	SYNTHESIZE altitude, route, weather, airspace information into a mental traffic picture with respect to aircr compliance with clearance instruction	and aft	
A1.4.10.7.3	DECIDE if aircraft is in compliance we clearance instructions as issued by A	τε	
A1.4.1Ø.8	QUERY PILOT REGARDING CONFORMANCE WITH CLEARANCE	·	
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
A1.4.10.8.1	PERFORM VSCS, Communicating Normally Air-To-Ground *clearance non-complic query and response*		
A1.4.10.9	DENY CLEARANCE REQUEST		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.4.10.9.1	PERFORM TEM M.2, Sending ATC Mail *clearance denial*		
A1.4.16.9.2	PERFORM VSCS. Initiating G/G Communications *clearance denial*		
A1.4.10.9.3	PERFORM VSCS, Communicating Normally Air-To-Ground *clearance denial*	У	
A1.4.18.18	SUGGEST ALTERNATIVE TO CLEARANCE REQUEST FROM CO	ONTROLLER	
	TASK TYPE: E/VC COURD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.4.10.10.1	PERFORM VSCS. Initiating G/G Communications *clearonce alternati	ve#	
A1.4.10.10.2	PERFORM TEM M.2, Sending ATC Mail *clearance alternative*		
A1,4,12,1	INHIBIT AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR	DESIGNATED TRACK	
	TASK TYPE: E COORU MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
A1,4,12,1,1	INITIATE _Inhibit_Automatic_Handoff message		1
A1.4.12.1.2	EXECUTE _Inhibit_Automatic_Handoff message	Inhibit_Automatic_Handoff	1
A1.4.12.1.3	DETECT _Auto_Handoff_Inhibited mess in _Handoff_Alert_Indication in Full Dato Block on Situation Display		1
A1.4.12,1.4	<pre>DETECT entries in _Auto_Handoff/Poi t_inhibit_List</pre>	ntou Auto_Handoff/Pointout_Inhibit_List	1
A1.4.12.2	RESTORE AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR	: DESIGNATED TRACK	
		FREQUENCY: LOW CRITICALITY: LOW	
A1.4.12.2.1		Enable_Automatic_Handoff	1

	Task Ele		
TASK NUMBER /	TASK STATEMENTS / DATA AND		NO. 0F
ELEMENT NUMBER		OBJECTS	OBJECT:
1.4.12.2 RE	ESTORE AUTOMATIC HANCOFF FOR ALL TRACKS OR FOR DES	SIGNATED TRACK	
	TASK TYPE: E CCORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW (Continued)	
11.4, 12.2.2	EXECUTE _Enable_Automatic_Handoff message	Enable_Automatic_Handoff	1
11.4.12.2.3	RECOGNIZE absence of _Auto Handoff_Inhibited message in _Handdoff_Alert_Indication in Full Data Block on Situation Display	Auto_Handoff_Inhibited Handdoff_Alert_Indication	1
11.4.12.2.4	A/O DETECT obsence of entries in _Auto_handoff/Pointout_Inhibit_List	Auto_handoff/Pointout_Inhibit_List	1
A1,4,13.1 R	ECEIVE REQUEST TO CANCEL AIR TRAFFIC SERVICES		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: LOW	
A1.4.13.1.1	PERFORM VSCS. Communicating Normally Air-To-Ground *request from pilot to cancel air traffic services*		
A1.4.13.2 T	TERMINATE RADIO COMMUNICATIONS WITH AIRCRAFT		
	TASK TYPE: VC CGORD MEDIA: V	FREQUENCY: ŁOW CRITICALITY: LOW	
A1,4,13.2.1	PERFORM VSCS, Communicating Normally Air-To-Ground *advising a pilot to change to another frequency or that a listening watch is no longer required assigned frequency*	n	
A1.4.13.3 F	RECEIVE ARRIVAL MESSAGE		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: MED	
A1,4.13.3.1	PERFORM VSCS, Receiving G/G Communications *notice of arrival time	3#	
A1.4.13.3.2	PERFORM VSCS. Communicating Normally Air-To-Ground *notice from pilot of arrival time at destination airport*		
A1.4.13.4 [	DETERMINE FREQUENCY IN USE BY RECEIVING SECTOR		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LON CRITICALITY: MED	
A1.4.13.4.1	SEARCH _System_Status_Data_Display *for discrete frequency in use by sector*	System_Status_Data_Display	1
A1.4.13.4.2	U EXTRACI assigned frequencies from _System_Status_Data_Display 0	System_Status_Data_Display	1
A1,4.13.4.3	PERFORM VSCS, Receiving VSCS Status/ Reconfigurations		
A1.4.13.4.4	SEARCH _Static_Information_Display for assigned frequencies	r Static_Information_Display	1
A1,4,13.4.5	EXTRACT assigned frequencies fromStatic_Information_Display	Static_Information_Display	1
A1,4.13.5	ISSUE CHANGE OF FREQUENCY TO PILOT		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI CRITICALITY: MED	
A1,4.13.5.1	PERFORM VSCS, Communicating Normally Air-To-Ground *issuing a frequency change to an aircraft*		

	Task Elem	ment Report	
TASK NUMBER / ELEMENT NUMBER	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS	OBJECTS	NO. OF OBJECTS
1.4.13.6 RECE	IVE INITIAL RADIO CONTACT FROM PILOT		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: HI CRITICALITY: HI	
1.4,13.6.1	PERFORM VSCS, Communicating Normally Air-To-Ground *initial call from pilot reporting his presence on frequency*		
41.4.13.7 ISS	UE ALTIMETER SETTING		,
	TASK TYPE: R/VC COORD MEDIA: V	FREQUENCY: HI CRITICALITY: MED	
A1.4.13.7.1	ACQUIRE _Airport_Environmental_Data_Dis play for current terminal altimeter		1
A1.4.13.7.2	O SEARCH Aeronautical And Meteorlogical Information *for current altimeter setting for specific area*		
A1.4.13.7.3	EXTRACT Altimeter Setting from Aeronoutical And Meteorological Information		
A1.4.13.7.4	EXTRACT Barometric Pressure from Aeronautical And Meteorological Information		
A1.4.13.7.5	PERFORM VSCS. Communicating Normally Air-To-Ground *issuing altimeter to a pilot along route or at destination*		
A1.4.13.8 VER	IFY AIRCRAFT ALTITUDE		<b></b>
	TASK TYPE: R/A/VC COORD MEDIA: V	FREQUENCY: HI CRITICALITY: HI	
A1.4.13.8.1	SEARCH Full Data Block on	Full Data Block	
	Situation Display for system reported altitude of aircraft in question	Situation_Display	1
A1.4.\\.8.2	Situation_Display for system reported altitude of aircraft in question  EXTRACT _Callsign, _Mode_C_Altitude, _	Situātion_Display Callsian	
	Situation Display for system reported altitude of aircraft in question  EXTRACT Callsign, Mode C_Altitude, Assigned Altitude or Interim_Altitude from Full Data Black on Situation	Situation_Display  Callsign Mode_C_Altitude Assigned_Altitude Interim_Altitude Full_Data_Block  Flight_Data_Entry	1 1 1 1
A1.4.15.8.3	Situation Display for system reported altitude of aircraft in question  EXTRACT Callsign, Mode C Altitude, Assigned Altitude or Interim Altitude from Full Data Black on Situation Display  O  SEARCH Flight Data Entry on Flight Data Display for system reported	Situation_Display  Callsign Mnde_C_Altitude Assigned_Altitude Interin_Altitude Full_Data_Block  Flight_Data_Entry	1 1 1 1 1 1
A1.4.15.8.3 A1.4.15.8.4	Situation_Display for system reported altitude of aircraft in question  EXTRACT _Callsign, _Mode_C_Altitude, _Assigned_Altitude or _Interim_Altitude from _Full_Data_Black on Situation  Display  O  SEARCH _Flight_Data_Entry on _Flight_Data_Display for system reported altitude of aircraft in question  EXTRACT _Assigned_Altitude, _Reported_Altitude, _Mode_C_Altitude from _Flight_Data_Entry of aircraft in	Situation_Display  Callsign Mode_C_Altitude Assigned_Altitude Interin_Altitude Full_Data_Block  Flight_Data_Entry Flight_Data_Display  Assigned_Altitude Reported_Altitude Mode_C_Altitude Flight_Data_Entry	1 1 1 1 1 20 1
A1.4.13.8.3 A1.4.13.8.4 A1.4.13.8.5	Situation Display for system reported altitude of aircraft in question  EXTRACT _CallsignMode_C_AltitudeAssigned_Altitude or _Interim_Altitude from _Full_Data_Black on Situation  Display  O SEARCH _Flight_Data_Entry on _Flight_Data_Display for system reported altitude of aircraft in question  EXTRACT _Assigned AltitudeReported_Altitude, _Mode_C_Altitude from _Flight_Data_Entry of aircraft in question  PERFORM VSCS. Communicating Normally Air-To-Ground *request for pilot report of altitude of aircraft*  COMPARE pilot altitude with system reported altitude	Callsign Mnde_C_Altitude Assigned_Altitude Interim_Altitude Full_Data_Block Flight_Data_Entry Flight_Data_Display  Assigned_Altitude Reported_Altitude Mode_C_Altitude Flight_Data_Entry	1 1 1 1 1 1 20 1
A1.4.13.8.3  A1.4.13.8.4  A1.4.13.8.5	Situation Display for system reported altitude of aircraft in question  EXTRACT _CallsignMode_C_AltitudeAssigned_Altitude or _Interim_Altitude from _Full_Data_Black on Situation  Display  O SEARCH _Flight_Data_Entry on _Flight_Data_Display for system reported altitude of aircraft in question  EXTRACT _Assigned AltitudeReported_Altitude, _Mode_C_Altitude from _Flight_Data_Entry of aircraft in question  PERFORM VSCS. Communicating Normally Air-To-Ground *request for pilot report of altitude of aircraft*  COMPARE pilot altitude with system reported altitude	Situation_Display  Callsign Mode_C_Altitude Assigned_Altitude Interin_Altitude Full_Data_Block  Flight_Data_Entry Flight_Data_Display  Assigned_Altitude Reported_Altitude Mode_C_Altitude Flight_Data_Entry	1 1 1 1 1 1 20 1
A1.4.13.8.6	Situation Display for system reported altitude of aircraft in question  EXTRACT _CallsignMode_C_Altitude, _Assigned_Altitude or _Interim_Altitude from _Full_Data_Black on Situation  Display  O  SEARCH _Flight_Data_Entry on _Flight_Data_Display for system reported altitude of aircraft in question  EXTRACT _Assigned_Altitude, _Reported_Altitude, _Reported_Altitude, _Mode_C_Altitude from _Flight_Data_Entry of aircraft in question  PERFORM VSCS, Communicating Normally Air-To-Ground *request for pilot report of altitude of aircraft*  COMPARE pilot altitude with system reported altitude  SERVE TARGET ENTERING RADAR COVERAGE  TASK TYPE: R/A _COORD MEDIA:	Callsign Mnde_C_Altitude Assigned_Altitude Interim_Altitude Full_Data_Block Flight_Data_Entry Flight_Oata_Display  Assigned_Altitude Reported_Altitude Mode_C_Altitude Flight_Data_Entry	1 1 1 1 1 20 1

		Task Eleme	ent Report				
TASK NUMBER /	TASK STATEMENTS						NO. OF
ELEMENT NUMBE	R TASK ELEMENT S	OBJECTS				OBJECTS	
1.4,14.1	OBSERVE TARGET ENTERING R						
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: HI		CRITICALITY: MED	(Continued)	
11.4.14.1.2	EXTRACT _Targ _Track_Positio from _Situatio	et Position_Symbol, n_Symbol, _Full_Data_Plock n_Display		Tračk i Fuil D	Position Symbol Position_Symbol ata_Block fon_Display		<b>3</b> Ø 27 15 1
1.4.14.1.3	associated wit	nce of new t_Class Symbol not h_Track Position Symbol or _Situation_Display			y_larget_Class ion_Display		1 1
11.4.14.1.4	DETECT appeara _Beacon_Target associated wit	nce of new _Category Symbol not h Track Position Symbol or _Situation_Display			_Target_Category ion_Display		1
A1.4 14.2	INFORM PILOT THAT RADAR C	ONTACT IS ESTABLISHED					
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: HI		CRITICALITY: MED		
A1.4.14.2.1	PRERFORM VSCS, Air-To-Ground	Communicating Normally *advising pilot that has been established*		<del></del> -			
11.4.14.3	CONDUCT RADAR IDENTIFICAT	ION PROCEDURES	<b></b>				
	TASK TYPE: R/VC	COORD MEDIA: V	FREQUENCY: MEI	O	CRITICALITY: H1		
11.4.14.3.1		Communicating Normally *radar indentification					
41.4.14.3.2	_Background_Dis _Situation_Dis reparted fix.	Position_Symbol. scriptor on splay *for target over target within one mile of observe target turning*		Backgr	_Position_Symbol ound_Descriptor .ion_Display		3Ø 1 1
A1.4.14.3.3	O SCAN Target Position Symbol, Dota Block, on Situation Display *for identification activation, code change, or standby/ normal transponder operation*			Data_E	_Position_Symbol Nock ion_Display		1 1 7
A1.4.14.3,4	DETECT opproj _Torgat_Posti	priate response in Di_Symbol		Target	_Postion_Symbol		1
A1.5.1.3	RECEIVE WEATHER BRIEFING	FROM METEOROLOGIST			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	TASK TYPE: R/VC	COORO MEDIA: V/M	FREQUENCY: LO	)t1	CRITICALITY: HI		
A1.5.1.3.1	Communication meteorologist					<b></b>	
A1.5.1.3.2	*weather brie	.1, Receiving ATC Mail fingg from meteorologist*					
A1.5.1.5		R CONTROLLER OR PILOT NEEDS	WEATHER ADVISO	ORY		* <u></u>	<b></b>
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: LO	OM .	CRITICALITY: MED		
A1.5.1.5.1	advisory to a	ed to forward a weather nother controller /0	<b>4</b>				***

			Task Ele	ment Report		
TASK NUMBER / ELEMENT NUMBE	TASK ST	TATEMENTS	/ DATA		OBJECTS	NO. OF OBJECT:
1.5.1.5	DETERMINE WHETHER	ANOTHER (	CONTROLLER OR PILOT NEEDS	WEATHER ADVISORY	, s b s b s s s s s s s s s s s s s s s	
	TASK TYPE:	A	COORD MEDIA:	FREQUENCY: LON	CRITICALITY: MED (Continued)	
1.5.1.5.2		the need	to forward a weather ilot		,,	
11.5.1.9	ISSUE WEATHER/ ADV	VISORY/ U	PDATE TO PILOT/ ANOTHER C	CONTROLLER		
	TASK TYPE: 8	E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
A1.5.1.9.1	PERFOR	M VSCS. (	Communicating Normally *weather advisory*			
A1.5.1.9.2	Commun:	M vscs. ∶	Initiating G/G *weather advisory*			
A1.5.1.9.3	PERFOR		, Sending ATC Mail ry*			
A1.5.1.1Ø	INFORM SUPERVISOR	/ TMC 0F	WEATHER IMPACT ON ROUTES	/ FLOW		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	TASK TYPE: 1	E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
A1.5.1.10.1	PERFORI Commun	M VSCS, ications and flow	Initiating G/G *weather impact on s*			
A1.5,1.10.2			, Sending ATC Mail on routes and flows*			
A1.5.1.12	RECEIVE WEATHER A	OVISORY F	ROM ANOTHER CONTROLLER/ :	SUPERVISOR/ METEOROLO	 OGIST	
			COORD MEDIA: V/M			
A1 5.1.12.1	PERFOR	M VSCS, icotions	Recriving G/G *weather advisory*	,		,
A1.5.1.12.2		O RM TEM M.1 ner adviso	!, Receiving ATC Mail pry#			
A1.5.1.13	RECEIVE CONTROLLE	R REQUEST	FOR WEATHER INFORMATION			
	TASK TYPE:	R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.5.1.13.1		nications	Receiving G/G *request for weather*			
A1.5.1.13.2		0 RM TEM M.1 est for we	1, Receiving ATC Moil eather*			
A1.5.1.14			ON TO SUPERVISOR/ METEORO			
	TASK TYPE:	E/VC	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.5.1.14.1	PERFOR Commun	RM VSCS,	Initiating G/G *forward weather			<del></del>
A1.5.1.14.2	*weath	RM TEM M.2 her inform				
A1,5,1.16	BRUADCAST RECORDS					
	TASK TYPE:	VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
A1.5.1.16.1	PERFO		Broadcasting Pre-Records			

		ent Report 			
TASK NUMBER /	TASK STATEMENTS / DATA AND R TASK ELEMENT STATEMENTS				NO. OF
ELEMENT NUMBE				OBJECTS	OBJECTS
A1.5.1.18	REQUEST SUPERVISOR/ TMC TO RELEASE AIRSPACE				
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY:	LOW	CRITICALITY: LOW	
A1,5,1,18.1	PERFORM VSCS, Initiating G/G Communications *request to release airspace*				
A1.5.1.18.2	O PERFORM TEM M.2, Sending ATC Mail *request to release airspace*				
A1.5.1.22	ENTER AIRPORT ENVIRONMENTAL DATA INTO SYSTEM			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	TASK TYPE: E COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: MED	
A1.5,1,22.1	INITIATE _ATIS_Character message			S_Character	1
A1.5.1.22.2	EXECUTE _ATIS_Character message		AT IS	S_Character	1
A1.5.1.22.3	DETECT new _ATIS_Character on _Airport_Environmental_Data_Display			S_Character port_Environmental_Data_Display	1
A1,5,1,22.4	A/O INITIATE _Update_Altimeter_Setting message		Updo	ate_Altimeter_Setting	1
A1.5.1.22.5	EXECUTE _Update_Altimeter_Setting message		Updo	ate_Altimeter_Setting	1
A1.5.1.22.6	DETECT system acceptance of new _Update_Altimeter_Setting		Updo	ate_Altimeter_Setting	1
A1.5.1.75	OBSERVE DISPLAY OF WEATHER LINE/ INTENSITY/ MOVEMENT				
	TASK TYPE. R/A COORD MEDIA:	FREQUENCY:	FOR	CRITICALITY: HI	
A1.5 1.75.1	ACQUIRE Graphic ATC Rador on Situation Display for actual weather precipitation conditions			phic_ATC_Radar uation_Display	1
A1.5.1.75.2	SYNTHESIZE acquired weather information into a mental weather picture				
A1 5.1.75.3	ASSESS severity of weather conditions				
A1.5.1.75.4	ESTIMATE the dimensions and movement of the weather if such data are not available				
A1.5.1.76	DETERMINE WEATHER IMPACT ON ROUTES/ FLOW				
	TASK TYPE: A COCRU MEDIA:	FREQUENCY:	: LOU	CRITICALITY: HI	
A1.5.1.76.1	INTEGRATE mental weather picture with mental traffic picture				*************
A1.5.1.76.2	ASSESS the impact of known and forecast weather on traffic flows and routes				
A1.5.1.77	DETERMINE ALTITUDE/ROUTE CHANGE TO BYPASS SEVERE WEA		,		
	1ASK TYPE: A COORD MEDIA:	FREQUENCY	: ŁOW	CRITICALITY: HI	
A1.5,1.77.1	INTEGRATE mental weather picture with mental traffic picture				**********

		Tosk Elem		*	
TASK NIMBED /	TASK STATEMENTS	/ DATA			NO. CF
ELEMENT NUMBER	AND TASK ELEMENT ST	ATEMENTS	OBJECTS		
41.5.1.77 D	ETERMINE ALTITUDE/ROUTE (	CHANGE TO BYPASS SEVERE WEA			
				CRITICALITY: HI (Continued)	
A1.5.1.77.2		/ route to bypass severe		VIII WAR AND THE CONTRACT OF T	
A1101117712	weather based o	on mental traffic and a and routes through area			
		-			
A1.5.1.78 E	VALUATE IMPACT OF NEW A&M				,
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: 1.0W	CRITICALITY: MED	
۸1.5.1.78.1		utical And Meteorological new data which may	· <b></b>		
	effect workload	d ·			
A1.5.1.78.2	ACQUIRE _Airpo	ort Environmental Data Dis	F	Airport_Environmental_Data_Display	1
	workload	ata which may affect			
A1.5.1.78.3	PERFORM VSCS.	Communicating Normally			
	Air-To-Ground altitude change	*pilot request for e or reroute*			
A1.5.1.78.4		w A&M data and the number			
		sts for altitude change or mental weather picture			
A1.5.1.78.5		ntal weather picture with			
	mental traffic	picture			
A1.5.1.78.6		eronautical and Data for impact on			
	traffic				
A1.5.1.79 F	RECEIVE PIREP ON WEATHER				
	TASK TYPE: VC	COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: MED	
A1.5,1,79.1		Communicating Normally			
	Air-To-Ground				
A1.5.1.80 {	RECEIVE NEW ROUTING FOR W	EATHER AVOIDANCE FROM SUPE	RVISOR/ TMC	~	
1		COORD MEDIA: V/M		CRITICALITY: HI	
A1.5.1.80.1		Receiving G/G			
	Communications avaidance*	*new routing for weather			
Ai.5.1.80.2	A/ PERFORM TEM M.	1. Receiving ATC Mail			
100000	₩new routing f	for weather avoidance*			
Δ1.5.1.81	FORWARD URGENT PIREP TO O			***************************************	
			EBENNENCY + 1 OK	CDITICALITY (I)	
A1.5.1.81.1		COORD MEDIA: V/M Initiating G/G	FILLQUEIGI, Con	CRITICACITY: HI	
XII.J.II.	Communications information*	*forward PIREP			
A1.5.1.81.2	0	.2. Sending ATC Mail			
ATTITIONE	*PIREP informa	ition*			
i	RECORD PIREP NOTE		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
A1.J.1.02		COORD MEDIA:	בפרחוקארע. ומ	COTTICALITY, MED	
				CRITICALITY: NEU	
A1.5.1.82.1	PIREP*	troller note record *copy			

	Tosk Eleme	nt Report	
TASK NUMBER / ELEMENT NUMBER	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS		). OF BJECTS
1.5.1.83 RE	QUEST WEATHER INFORMATION		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
1.5,1,83,1	PERFORM VSCS, Initiating G/G Communications *request weather information*		
11.5.1.83.2	PERFORM TEM M.2, Sending ATC Mail *request weather information*		
A1.5.1.83.3	INITIATE _Select_Environmental_Data_Typ es_For_Display	Select_Environmental_Data_Types_For_Display	1
A1.5.1.8 <b>3.</b> 4	<pre>EXECUTESelect_Environmental_Data_Type s_For_Display</pre>	Select_Environmental_Data_Types_For_Display	1
A1.5.1.8 <b>3.</b> 5	DETECT requested weather data on _Airport_Environmental_Data_Display	Airport_Environmental_Data_Display	1
A1.5.1.83.6	INITIATE _Select_ATC_Radar_Precipitation_ n_Level_For_Display	Select_ATC_Radar_Precipitation_Level_For_Disp	1
A1.5.1.8 <b>3.</b> 7	EXECUTESelect_ATC_Radar_Precipitation _Level_For_Display	Select_ATC_Radar_Precipitation_Level_For_Disp	1
A1.5.1.83.8	DETECT _Graphic_ATC_Rador_Weather on _Situation_Display	Graphic_ATC_Radar_Weather Situation_Display	1 1
 A1.5.2.1 R	ECEIVE AIRPORT SPECIFIC NOTAM		
	TAS : TYPE: R/VC COORD MEDIA: V/F/M	FREQUENCY: LOW CRITICALITY: LOW	
A1.5.2.1.1	PERFORM VSCS, Receiving G/G Communications *airport specific NOTAM*		
A1,5.2.1.2	PERFORM TEM M.1. Receiving ATC Mail *airport specific NOTAM*	•	
A1,5.2.1.3	OBSERVE _Airport_Specific_NOTAM on _ _Airport_Environmental_Data_Display	Airport_Specific_NOTAM Airport_Environmental_Data_Display	1
A1.5.2.2 F	RECEIVE WEATHER REPORT UPDATE (E.G., HOURLY SURFACE	OBSERVATION)	
	TASK TYPE: R/VC COGRD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.5.2.2.1	ACQUIRE Aeronautical And Meteorological Information for changes in weather data		
A1.5.2.2.2	A/O  ACQUIRE _Airport_Environmental_Data_Dis play for current weather information	Airport_Environmental_Data_Display	1
A1.5.2.2.3	A/O PERFORM VSCS. Receiving G/G Communications *weather report update, e.g., hourly surface observation*		
A1.5.2.2.4	A/O PERFORM TEM M.1. Receiving ATC Moil *weather report update*		
A1.5.2.4	DETERMINE WHETHER RUNWAY CONDITIONS HAVE CHANGED		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: MED CRITICALITY: HI	
A1.5.2.4.1	ACQUIRE _Airport_Environmental_Data_Dis play for information pertaining to change in rurway condition	//irport_Environmental_Data_Display	1

	Task Elem		
TASK NUMBER /	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS	OBJECTS	NO. OF OBJECTS
		UBJEC13	Obdecto
41.5.2.4	DETERMINE WHETHER RUNNAY CONDITIONS HAVE CHANGED		
		FREQUENCY: MED CRITICALITY: HI (Continued)	
A1.5.2.4.2	DECIDE whether runway conditions have changed based on available information		
A1.5.2.5 (	DETERMINE WHETHER CONTROL ZONE IS IFR/VFR		**********
	TASK TYPE: R/A COORD MEDIA:		
A1.5.2.5.1		Airport_Environmental_Data_Display	1
A1.5.2.5.2	A/U SEARCH Surface Observation, Meterological Impact Statement on Aeronautical And Meteorological Information for data pertaining to whether a control zone is IFR or VFR		
A1.5.2.5.3	SYNTHESIZE weather information into mental weather picture *compare actual weather conditions with IFR/ VFR limits		
A1.5.2.5.4	DECIDE if control zone is IFR or VFR		
A1.5.2.6	REVIEW ATIS VOICE RECORDING		
nners.	TASK TYPE: VC/A COORD MEDIA:	FREQUENCY: MED CRITICALITY: LOW	
A1.5.2.6.1	PERFORM VSCS, Monitoring ATIS Voice Recordings *review of ATIS stored data*		
A1.5.2.7	FORWARD RUNNAY USE DATA		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Alluici.	TASK TYPE: E/VC COORD MEDIA: V/M	COEUTENICA- I UTI CALLITA- MED	
A1.5.2.7.1	PERFORM VSCS, Initiating G/G Communications *runway use data*	PROGRAMME	
A1.5.2.7.2	A/O PERFORM TEM M.2, Sending ATC Mail *runway uso data*		
A1.5.2.9	RECEIVE RUNNAY USE DAFA		
	TASK TYPE: R/VC COORD MEDIA: V/F/M	FREQUENCY: LOW CRITICALITY: HI	
A1.5.2.9.1		Airport_Environmental_Data_Display	1
A1.5.2.9.2	O PERFORM VSCS. Receiving G/G Communications *runway in use data* A/O		
A1.5.2.9.3	PERFORM TEM M.1, Receiving ATC Mail *runway in use data*		
A1.5.2.1Ø	DETECT AIRPURT ENVIRONMENTAL DATA ALERT		
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.5.2.1Ø.1	ACQUIRE presence of emphasized data, _Airport_Environmental_Alert on _Airport_Environmental_Duta_Display	Airport_Environmental_Alert Airport_Environmental_Duta_Display	1
1	DETERMINE FAULTY AIRPORT ENVIRONMENTAL SENSOR		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.5.2.11.1		s Airport_Environmental_Data_Display	

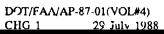
			ment Report			
TASK NUMBER /	TASK STATEMENTS					NO. OF OBJECTS
ELEMENT NUMBER	AND R TASK ELEMENT STATEMENTS			OBJECTS		
A1.5.2.11 DETER	MINE FAULTY AIRPORT EN					
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY:	LOW	CRITICALITY: MED (Continued)	
A1.5.2.11.2		d data for accuracy				
A1.5.2.11.3	COMPARE acquired in other sources	data to data displayed				
A1.5.2.11.4	faulty based upo	n airport sensor is on available information				
A1.5.2.12 ENTER	R AIRPORT ENVIRONMENTAL		•			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY:	LON.	CRITICALITY: LOW	
	INITIATE _Senso				or_Overide	1
A1.5.2.12.2	·	_Overide message		Sens	or_Overide	1
A1.5.2.12.3		of sensor overide on the omental_Data_Display		Airp	ort_Environmental_Data_Display	1
A1,5,2,13 RECE	IVE NOTICE OF FAULTY A	[RPORT ENVIRONMENTAL SENS				
				เกษ	CRITICALITY: MFD	
A1.5.2.13.1	PERFORM VSCS, 1	*notice of faulty				
A1.5.2.13.2	A/O PERFORM TEM M.1 *notice of foul sensor*	. Receiving ATC Mail ty airport environmental				
A1.5.2.76 RECE	IVE GENERAL NATURE NOT					
	TASK TYPE: R	COORD MEDIA: V/M	FREQUENCY:	LOW	CRITICALITY: LOW	
A1.5.2.76.1		ical And Meteorological the presence of general			`	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
A1.5.2.76.2	EXTRACT NOTAM i Aeronautical An Information *g	nformation from d Meteorological eneral nature NOTAM*				
A1.5.2.76.3	-					
A1.5.2.77 ACKA	NOWLEDGE AIRPORT ENVIRO			**		
i	TASK TYPE: E	COORD MEDIA: F	FREQUENCY:	LOW	CRITICALITY: LOW	
A1.5.2.77.1		phasize_Environmental_Da t environmental alert*	t	Doer	mphosize_Environmental_Cata_Item	1
A1.5.2.77.2	EXECUTE _Deemp _Item	ohusize_Environmental_Dat	o.	Беег	mphasize_Environmental_Data_Item	1
A1.5.2.77.3	DETECT deempho environmental o	ilert				
1	IEW DISPLAYED WEATHER					
	TASK TYPE: E/R/A	COORD MEDIA:	FREQUENCY	: HI	CRITICALITY: MED	
A1.5.2.78.1		nic_ATC_Radar_Weather on		Gra	phic_ATC_Radar_Weather uation_Display	1 1

·	Task Elem	ent Report	
TASK NUMBER / ELEMENT NUMBER	R TASK ELEMENT STATEMENTS	OBJECTS	NO. UF OBJECTS
	REVIEW DISPLAYED WEATHER INFORMATION		
	TASK TYPE: E/R/A COORD MEDIA:	FREQUENCY: HI CRITICALITY: MED (Continued)	
A1.5.2.78.2	SEARCH Aeronautical And Meteorological Information for actual and predicted weather conditions A/O		
11.5.2.78.3	ACQUIRE _Airport_Environmental_Data_Dis play for weather information	Airport_Environmental_Data_Display	1
A1.5.2.78.4	SYNTHESIZE extracted information into a mental picture of current and projected weather		
11.6.1.1	BRIEF RELIEVING CONTROLLER		
	TASK TYPE: E/R/VC COORU MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
A1.6.1.1.1	CROSS-REFERENCE Position Checklist on the _Static_Information_Display during relief briefing	Position Checklist	1
A1.6.1.1.2	*CROSS-REFERENCE _Controller_Notepad_Di splay	Controller_Notepad_Oisplay	1
A1.6.1.1.3	CROSS-REFERENCE Situation_Display, _Flight_Data_Display, Special_Lists, and _Data_Displays	Situation_Display Flight_Data_Display Lists Data_Displays	1 1 1 4
A1.6.1.1.4	FERFORM VSCS, Recording Briefings		
A1.6.1.1.5	INFORM relieving controller *traffic picture, weather picture, systems status picture, pertinent priority text messages, controller notes, and display status*		
A1.6.1.2	SIGN OFF AT CONSOLE		
	TASK TYPE: E COURD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
A1.6.1.2.1	INITIATE _Sign_Off message *after having been properly relieved*	Sign_Off	1
A1.6.1.2.2	EXECUTE _Sign_Off message	Sign_Off	1
A1.6.1.2.3	DETECT system acceptance or Sign Off message		
A1.6.1.3	VERIFY COMPLETENESS OF RELIEF BRIEFING RLIPT		
	TASK TYPE: R/A COORD MEDIA:	FREGUINCY: LOW CRITICALITY: HI	
A1.6.1.3.1	CROSS-REFERENCE _Position_Checklist on the _Static_Information_Display to verify completeness . Telief briefing	Position_Checklist Static_Information_Display	1
A1.6.1.3.2	ASSESS completeness of relief briefing		
A1.6.2.1	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE	SELF	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MCD	
A1.6.2.1.1	ACQUIRE _System_Status_Data_Display for information pertinent to assuming control of position	System_Status_Data_Display	1

		ent Report			
TASK NUMBER ELEMENT NUMB	TASK STATEMENTS / DATA / AND SER TASK ELEMENT STATEMENTS		OBJECTS		
	VIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF				
	TASK TYPE: R/A COORD MEDIA:		CRITICALITY: MED (Continued)		
A1.6.2.1.2	SYNTHESIZE ocquired information with regard to assuming position responsibility				
A1 6 2.3	VERIFY THAT ALL REQUIRED PARAMETERS ARE IN PROPER LO				
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: MED	***********	
A1.G.2.3.1	SCAN each Data Disploy and display control setting for lighting levels, geographical range, altitude filter limits, and settings for other adjustable parameters	Nata	_Oisplay	11	
A1.6.2 3 2	COMPARE parameters on the _Data_Display with procedural requirements			11	
A1.6.2.4	SIGN ON AT DESIGNATED CONSOLE			*******	
	TASK TVPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LOW		
A1 6.2.4 1		Sign		1	
A1.6 2.4.2	EXECUTE _Sign_On message	Sign	_0n	1	
A1.6 2.4.3	DETECT system acceptance of _Sign_On message	Sign	ı_On	1	
A1.6.2.5	ADJUST WORKSTATION TO PERSONAL PREFERENCE				
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: LCH		
A1.6.2.5 1	INITIATE Display Control odjustments		sicai_Disploy	1	
A1.6.2.5.2	EA.CUTE Display Control adjustments to set controller preferences				
A1.6.2.5.3	DETECT changes in appearance character/ symbol sizes, brightness, size/shape/ location of displays, background shading, and viewports on logical and physical displays				
A1 & 2.5.4	A/O PERFORM VSCS, Adjusting VSCS Displays/ Receiving Modes A/O				
A1.6.2.5.5	PERFORM VSCS, Enabling VSCS Functions				
A1.6.2.5.6	ASSESS all Display Control and VSCS visual and audio settings for controller suitability				
A1.6.2.6	CHECK WORKSTATION FOR PROPER CONFIGURATION, USABILI				
	TASK TYPE: R/A COURD MEDIA:		CRITICALITY: MED		
A1.6.2.6.1	SEARCH Data Display for proper location on sector suite physical displays		a_Display	11	
A1.6.2.6.2	ASSESS _Sector_Suite for proper configuration/ setting of shelf height, main display tilt, keyboard tilt, location of trackball, and Auxilliary Display lighting	Sec	tor_Suite	1	

	TASK STATEMENTS	S / DATA				
TASK NUMBER / ELEMENT NUMBER				OBJECTS		NO. OF OBJECTS
1.6.2.7 SET	UP NORKSTATION ADAPTA	TION PARAMETERS			)	
		COORD MEDIA:	FREQUENCY: LO	M	CRITICALITY: LOW	
11.6.2.7.1	INITIATE _Con: message	nsole_Configuration_Edit	********	Consol	le_Configuration_Edit	1
11.6.2.7.2	EXECUTEConsc	cole_Configuration_Edit		Consol	le_Configuration_Edit	1
11.6.2.7.3	OETECT system _Console_Confi	n occeptance of Lguration_Edit		Consol	le_Configuration_Edit	1
A1.6.2.3 REV	TEW BRIEFING CHECKLIST	T/ NOTES TO ASSURE COMPLETER	NESS OF BRIEFIN	is covei	RAGE	
	TASK TYPE:E/R/A/VC	COORD MEDIA:	FREQUENCY: LO	<b>M</b>	CRITICALITY: MED	
N1.6.2.8.1	SCAN informat _Controller_No			Contro	oller_Notepad_Display	1
A1.6.2.8.2	EXTRACT _Free _Controller_No	e-Form_Text_Item from otepad_Display			Form_Text_Item oller_Notepad_Display	1 1
A1.6.2.8.3	CROSS-REFERENC _Position_Chec _Static_Inform				ion_Checklist c_Information_Display	1
A1.6.2.8.4	*REQUEST clar input messaje(	rification of data using (s) or vaice				
A1.6.2.8.5	INTEGRATE ext regard to assu responsibility					
A1.6.2.8.6		pleteness of information o assuming position y				
A1.6.2.8.7	*REQUEST clar input message(	rification of data using (s) or voice				
A1.6.2.9 REG	QUE 3T IMPLEMENTATION OF	F PROGRAMMED PERSONAL PREFE	ERENCE ADJUSTME!			
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: L	.014	CRITICALITY: LOW	
A1.6.2.9.1	INITIATE _Dis	.splay/Invoke_Display_Prefer age	r	Displ	lay/Invoke_Display_Preference_Set	1
A1.6.2.9.2		play/Invake_Preference_Set		Disp	lay/Invoke_Preference_Set	1
A1.6.2.9.3	preference se					
		CEPT CONTROL RESPONSIBILITY				
	TASK TYPE: A	COORD MEDIA:	FREQUENCY: L	.W	CRITICALITY: HI	
A1.6.2.10.1	DECIDE wheth position resp information a	ner or not to assume pansibility based on the pydilable				
A1.6.2.75 RE		ECTED TRAFFIC STATUS/ WEATH				
	TASK TYPE: R/A	COURD MEDIA:	FREQUENCY: M	IED	CRITICALITY: HI	*****
	0510011 0	ition_Symbol, _Dara_Block,		Port	tion Symbol	30

		Task Elem			
TASK NUMBER /	TASK STATEMENTS AND				NO. OF
ELEMENT NUMBER		ATEMENTS		OBJECTS	OBJECT
1.6.2.75	REVIEW CURRENT AND PROJECT	ED TRAFFIC STATUS/ WEATHER			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: MED	CRITICALI : HI (Continued)	
1.6.2,75,2	picture from T _Track_Pesition _Position_Histo _Aireraft_Halo	ry_Data, _Track_Vector, on Situation Display	ፕ P T	Target Position Symbol Track Position Symbol Tosition History Data Track Vector Nircraft Halo	30 27 27 27 27 2
11.6.2.75.3	Flight Data Di	_Data_Entry, _Time on .splay for information actual and projected	Ţ	·light_Data_Entry Fime ·light_Data_Display	2Ø 1 1
41.6.2.75.4	SEARCH Specia to aid determin traffic	i Lists for information nation of projected	S	Special_Lists	1
A1.6.2.75.5	A/O SEARCH Weath Situation_Disp predicted weath A/O	er_Descriptor on play for actual and mer conditions		deather_Descriptor Situation_Display	1 1
A1.6.2.75.6	SEARCH Merona	ocical And Meteorological actual and predicted ions			
41.6.2.75.7	SEARCH Airpor	rt_Environmental_Data_Disp weather conditions	,	Airport_Environmental_Data_Display	1
11.6.2.75.8	SEARCH Traffic for flow const	e Monagement Information raints			
A1.6.2.75.3		tracted information into a of current and projected ather status			
Λ1.6 <b>.3.</b> 1	DETECT NON-ACCEPTANCE OF				
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
A1.6.3.1.1		k of feedback/ system ntrol and/ or data inputs			
A1.6.3.1.2	SCAN Message Display for st messages	_Composition_And_Response_ atus of input duta and	;	Messaga_Cumposition_And_Response_Display	1
A1.6.3.1.3	Massage Curon	ge_Reject_Indicator or _Indicator on rition_And_Response_Displa		Message_Reject_Indicator Message_Error_Indicator Message_Camposition_And_Response_Display	1 1
A1.6.3.2	INFORM SUPERVISOR OF TRAN				
	TASK TYPE: E//C	COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
AT.6.3.2.1	PERFORM VSCS, Communications failure adviso	Initioting G/G *transient equipment cy*		· · · · · · · · · · · · · · · · · · ·	- <b></b>
A1.6. <b>3</b> .2.2	*notice of tra	2, Sending ATC Mail nsient equirment failure*			
A1.6.4.1	DETECT OCCURRENCE OF SECT	OR SUITE FAILURE			
	TASK TYPE: R/A	COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI	
A1.6.4.1.1	SEARCH _Data_ for proper sys	Display on Sector Suite tem functioning		Data_Display	16



		Task Elem			
TASK NUMBER /	TASK STATEMENTS AND R TASK ELEMENT STA	• =		OR IECTS	NO. OF OBJECTS
			0BJECTS		
1.6.4.1	DETECT OCCURRENCE OF SECTOR	, , , , , , , , , , , , , , , , , , , ,			
			FREQUENCY: LOW	CRITICALITY: HI (Continued)	
11.6.4.1.2		adation in resolution of in any or all displays			
1.6.4.1.3		adation in accuracy of in any or all displays			
11.6.4.1.4		of feedback/ system trol and/ or data inputs			
11.6.4.2	OBSERVE SECTOR SUITE DATA	BASE RESTORATION COMPLETIO	N MESSAGE		
	TASK TYPE: R	COORD MEDIA:	FREQUENCY: LO	CRITICALITY: HI	
41.6.4.2.1		isplay for proper		Data_Display	16
A1.6.4.2.2	RECOGNIZE prop _Dota_Display	er restoration of data on		Data_Display	16
A1.6.4.2.3	DETECT restord _System_Status_	tion notification on Data_Display		System_Status_Data_Display	1
A1.6.4. <b>3</b>	FORWARD NOTICE OF EQUIPMEN	IT STATUS		******	
	TASK TYPE: E/VC	COORD MEDIA: V/M	FREQUENCY: LO	W CRITICALITY: HI	
A1.6.4.3.1	status*	*notice of equipment			*************
A1.6.4.3.2	A/O PERFORM TEM M.2 *notice of equi	. Sending ATC Mail			
A1.6.4 4	RECEIVE STATUS OF SECTOR S	SUITE FAILURE FROM CONTROL	LER / SUPERVISO	R	
	TASK TYPE: R/VC	COORD MEDIA: V/M	FREQUENCY: LO	W CRITICALITY: HI	
A1.6.4.4.1	failure*	*status of sector suite			
A1.6.4.4.2	A/U PERFORM TEM M. *status of sect	) 1, Receiving ATC Mail tor suite failure*			
A1.6.4.5	REQUEST SPECIFIED DISPLAY	DATA BE PRESENTED ON AND	CONTROLLED AT A	SPECIFIC COMMON CONSOLE	
	TASK TYPE: E	COORD MEDIA:	FREQUENCY: LO	W CRITICALITY: HI	
A1.6.4.5.1		uest_Assignment_Of_Logical a_Physical_Display message		Request_Assignment_Of_Logical_Display Oisplay	_To_One_ 1
A1.6.4.5.2		est_Assignment_Of_Logical_ Physical_Display messoge		Request_Assignment_Of_Logical_Display Oisplay	_To_One1 1
A1.6.4.5.3	DETECT _Data_ _Physical_Disp	Display at designated lay		Data_Display Physical_Display	1 1
A1.6.5.4	VERIFY COMPUTER ACTION DU				
		COORD MEDIA: V	FREQUENCY: L	DW CRITICALITY: HI	
A1.6.5.4.1	ACQUIRE _Situ	ation_Display to verify ts under controller's		Situation_Display	1

		Tosk Eleme	ent Report		
TASK NUMBER / ELEMENT NUMBER	TASK STATEMENTS AND TASK ELEMENT STA			OBJECTS	NO. OF OBJECT
1.6.5.4 VER	IFY COMPUTER ACTION DURI				
			FREQUENCY: LOW	CRITICALITY: HI (Continued)	
1.6.5.4.2	RECOGNIZE that associated with	_Oatu_Block are properly _Position_Symbol	Dat Pos	a_Block sition_Symbol	27 27
41.6.5.4.3	_Flight_Data_Dis	; Data Entry, _Time on splay to verify that data with data on Situation	Tin	ght_Data_Entry ne lght_Duta_Display	20 1 1
11.6.5.4.4	and Altitude Int	tries with ks and _Position_Symbols	Fu]	ight Data Entries 11 Data Blocks sition_Symbols	2 <b>0</b> 27 27
A1.6.5.4.5		omputer responses during ween TAAS and backup			
A1.6.5.4.6	Airway Faciliti status#	*advise supervisor or es of current system			
A1.6.5.4.7	supervisor or A				
41.6.5.6 REC	CEIVE CONFIRMATION OF CO	MPUTER ACTION DURING TRANS	SITION STAGES		
A1.6.5.6 REC		MPUTER ACTION DURING TRANS		CRITICALITY: HI	
A1.6.5.6 REC	TASK TYPE: VC  PERFORM VSCS, Communications interfacility a transition stag	COORD MEDIA: V Initiating G/G *verify computer actions nd intrafacility during es*		CRITICALITY: HI	
··	PERFORM VSCS, Communications interfacility a transition stag A/O PERFORM VSCS, Communications	COORD MEDIA: V Initiating G/G *verify computer actions nd intrafacility during es*		CRITICALITY: HI	
A1.6.5.6.2	PERFORM VSCS, Communications interfacility a transition stag A/O PERFORM VSCS, Communications computer action	CUORD MEDIA: V  Initiating G/G  *verify computer actions nd intrafacility during es*  Receiving G/G  *verification of s during transition		CRITICALITY: HI	
A1.6.5.6.1 A1.6.5.6.2	TASK TYPE: VC  PERFORM VSCS. Communications interfacility a transition stag  A/O PERFORM VSCS. Communications computer action stages*	COURD MEDIA: V  Initiating G/G  *verify computer actions nd intrafacility during es*  Receiving G/G  *verification of s during transition  FAILURE			
A1.6.5.6.2	TASK TYPE: VC  PERFORM VSCS, Communications interfacility a transition stag A/O PERFORM VSCS, Communications computer action stages*  TECT OCCURRENCE OF TASS TASK TYPE: R/A	COURD MEDIA: V  Initiating G/G *verify computer actions nd intrafacility during es*  Receiving G/G *verification of s during transition  FAILURE COORD MEDIA: Status Data Display for	FREQUENCY: LOW		1
A1.6.5.6.2  A1.6.5.75 DE	TASK TYPE: VC  PERFORM VSCS, Communications interfacility a transition stag A/O PERFORM VSCS, Communications computer action stages*  TECT OCCURRENCE OF TAAS TASK TYPE: R/A  SEARCH System the status of to  DETECT _Operat n/Failure on _5	COURD MEDIA: V  Initiating G/G  *verify computer actions nd intrafacility during es*  Receiving G/G  *verification of sturing transition  FAILURE  COORD MEDIA:  Status_Data_Display for TAAS system  ional_Function_Degradation  Gystem_Status_Data_Display	FREQUENCY: LOW  FREQUENCY: LOW  Sy	CRITICALITY: HI	1
A1.6.5.6.1  A1.6.5.75 DE  A1.6.5.75.1  A1.6.5.75.2	TASK TYPE: VC  PERFORM VSCS, Communications interfacility a transition stag A/O PERFORM VSCS, Communications computer action stages*  TECT OCCURRENCE OF TAAS  TASK TYPE: R/A  SEARCH System the status of t  DETECT Operat n/Failure on S OCTECT Reduce or on SystemS	COURD MEDIA: V  Initiating G/G  *verify computer actions nd intrafacility during es*  Receiving G/G  *verification of starting transition  FAILURE  COORD MEDIA:  .Status_Data_Display for the TAAS system  itonal_Function_Degradation  cystem_Status_Data_Display  dd_Capability_Mode_Indicat  Status_Data_Display	FREQUENCY: LOW  FREQUENCY: LOW  Sy  Op  Sy  Re Sy	CRITICALITY: HI  stem_Status_Data_Display  perational_Function_Degradation/Failure stem_Status_Data_Display  educed_Capability_Mode_Indicator stem_Status_Data_Display	1
A1.6.5.6.1  A1.6.5.75 DE  A1.6.5.75.1  A1.6.5.75.2  A1.6.5.75.3	TASK TYPE: VC  PERFORM VSCS, Communications interfacility a transition stag A/O PERFORM VSCS, Communications computer action stages*  TECT OCCURRENCE OF TAAS  TASK TYPE: R/A  SEARCH System the status of t  DETECT Operat n/Failure on S OCTECT Reduce or on SystemS	COURD MEDIA: V  Initiating G/G  *verify computer actions nd intrafacility during es*  Receiving G/G  *verification of sturing transition  FAILURE  COORD MEDIA:  .Status Data Display for the TAAS system  ional Function Degradation system_Status Data Display  ad Capability Mode Indicat Status Data Display	FREQUENCY: LOW  FREQUENCY: LOW  Sy  Op  Sy  Re Sy	CRITICALITY: HI  stem_Status_Data_Display  perational_Function_Degradation/Failure stem_Status_Data_Display  educed_Capability_Mode_Indicator	1 1
A1.6.5.6.1  A1.6.5.75 DE  A1.6.5.75.1  A1.6.5.75.2  A1.6.5.75.3	PERFORM VSCS. Communications interfacility a transition stage Communications computer action stages*  TECT OCCURRENCE OF TAAS TASK TYPE: R/A  SEARCH System the status of t  DETECT Operat n/Failure on S DETECT Reduce or on System EVERT TO TAAS BACKUP PROC	COURD MEDIA: V  Initiating G/G *verify computer actions nd intrafacility during es* Receiving G/G *verification of s during transition  FAILURE  CODRD MEDIA:  Status Data Display for the TAAS system Clonal Function Degradatio bystem_Status_Data_Display ad Copability Mode_Indicat Status_Data_Display  CEDURES (TBD)	FREQUENCY: LOW  FREQUENCY: LOW  Sy  Op  Sy	CRITICALITY: HI  stem_Status_Data_Display  perational_Function_Degradation/Failure stem_Status_Data_Display  educed_Capability_Mode_Indicator stem_Status_Data_Display	1 1
A1.6.5.6.1  A1.6.5.75 DE  A1.6.5.75.1  A1.6.5.75.2  A1.6.5.75.3	PERFORM VSCS. Communications interfacility a transition stage Communications computer action stages*  TECT OCCURRENCE OF TAAS TASK TYPE: R/A  SEARCH System the status of t  DETECT Operat n/Failure on S DETECT Reduce or on System EVERT TO TAAS BACKUP PROC	COURD MEDIA: V  Initiating G/G  *verify computer actions nd intrafacility during es*  Receiving G/G  *verification of s during transition  FAILURE  CODRD MEDIA:  Status Data Display for the TAAS system  Clonal Function Degradatio System_Status_Data_Display  Copability Mode_Indicat Status_Data_Display  CEDURES (TBD)  COCRD MEDIA: V  Irectives/procedures	FREQUENCY: LOW  FREQUENCY: LOW  Sy  Op  Sy  FREQUENCY: LOW	CRITICALITY: HI  stem_Status_Data_Display  peraticnal_Function_Degradation/Failure stem_Status_Data_Display  educed_Capability_Mode_Indicator stem_Status_Data_Display  CRITICALITY: HI	1 1 1
A1.6.5.6.1  A1.6.5.6.2  A1.6.5.75 DE  A1.6.5.75.1  A1.6.5.75.2  A1.6.5.76 RE  A1.6.5.76.0	TASK TYPE: VC  PERFORM VSCS. Communications interfacility a transition stage A/O PERFORM VSCS. Communications computer action stages*  TECT OCCURRENCE OF TAAS TASK TYPE: R/A  SEARCH System the status of t  DETECT Operat n/Failure on S A/O DETECT Reduce or on System S  EVERT TO TAAS BACKUP PROC	COURD MEDIA: V  Initiating G/G  *verify computer actions nd intrafacility during es*  Receiving G/G  *verification of s during transition  FAILURE  COORD MEDIA:  Status Data Display for the TAAS system  Cional Function Degradation System_Status_Data_Display  Copability Mode_Indication  CEDURES (TBD)  COORD MEDIA: V  Irectives/procedures	FREQUENCY: LOW  FREQUENCY: LOW  Sy  Op  Sy  FREQUENCY: LOW	CRITICALITY: HI  stem_Status_Data_Display  perational_Function_Degradation/Failure stem_Status_Data_Display  educed_Capability_Mode_Indicator stem_Status_Data_Display	1 1

TASK NUMBER /	TASK STATEMENTS / DATA AND TASK ELEMENT STATEMENTS		NO. OF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS	OBJECTS	OBJECTS
1.6.5.78 REVERT	TO TAAS REDUCED CAPABILITY MODE PROCEDUR		
TA	SK TYPE: TBD COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
1.6.5.78.0	TBD facility procedures/directives		
	NE AIRCRAFT NEEDING SUBSTITUTE ROUTING		
NT.	ASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
1,6.6.1.1	ACQUIRE _Flight_Doto_Entry, _Time of _Flight_Data_Display _*for aircraft needing_substitute_routing_due_to_N/	on Flight_Data_Entry Time AVAID Flight_Data_Display	2Ø 1 1
1.6.6.1.2	failure*  SEARCH _System_Status_Data_Display	for System_Status_Data_Display	1
	status of NAVAID		
11.6.6.1.3	ACQUIRE _Inbound_List and _Departure_List in _Special_Lists for information on aircraft which may be affected by NAVAID outage	Inbound_List or Departure_List e Special_Lists	1 1 1
11.6.6.1.4	DECIDE aircraft that will require substitute routing		
	STATUS OF QUESTIONABLE NAVAID		
T.	ASK TYPE: R/VC COORD MEDIA: V/F	FREQUENCY: LOW CRITICALITY: LOW	
1.6.6.2.1	ACQUIRE _Equipment_Status on the _System_Status_Data_Display for sta of NAVAID equipment	Equipment_Status tus System_Status_Data_Display	1
11.6.6.2.2	PERFORM VSCS, Initiating G/G Communications *request for maintenance, FSS, ATCT, or supervis confirmation of NAVAID outage* A/O	or	
41.6.6.2.3	PERFORM VSCS, Receiving G/G Communications *maintenace, FSS, A or supervisor confirmation of NAVAI outage*		
A1.6.6.2.4	A/O PERFORM VSCS, Communicating Normal Air-To-Ground *asking pilot for confirmation of NAVAID outage*	ly	
A1.6.6.2.5	PERFORM VSCS, Communicating Normal Air-To-Ground *pilot reports statu NAVAID*		
41.6.6.3 OBSERV	E SUBSTITUTE ROUTING ON DISPLAY		
1	ASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: LOW	
A1.6.6.3.1	ACQUIRE _Substitute_Routing from _Static_Information_Display	Substitute_Routing Static_Information_Display	1
A1.6.6.3.2	O ACQUIRE Usage Of Adapted Routes o _System_Status_Data_Display	Usage_Of_Adapted_Routes System_Status_Data_Display	1
A1.6.6.4 RECEIV	/E NOTICE OF NAVAID STATUS		
,	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.6.6.4.1	PERFORM VSCS. Receiving G/G Communications *notice of NAVAID status*		

	Task Ele	ment Report		
TASK NUMBER	TASK STATEMENTS / DATA / AND ER TASK ELEMENT STATEMENTS		Au 1ma=a	NO. OF
ELEMENT NUMBI			OBJECTS	OBJECTS
A1.6.6.4	RECEIVE NOTICE OF NAVAID STATUS			
	TASK TYPE: R/VC COURD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED (Continued)	
A1.6.6.4.2	PERFORM TEM M.1, Receiving ATC Mail *notice of NAVAID status* A/O			
A1.6.6.4.3				
A1.6.6.5	RECEIVE SUBSTITUTE ROUTING			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.6.6.5.1	PERFORM VSCS, Receiving G/G Communications *substitute routing*			
A1.6.6.5.2	PERFORM TEM M.1, Receiving ATC Moil *substitute routing*			
A1.6.6.6	RECEIVE CANCELLATION OF SUBSTITUTE ROUTING			
	TASK TVPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY, MED	
A1.6.6.6.1	PERFORM VSCS, Receiving G/G Communications *cancel substitute routing*	************		*********
A1.6.6.6.2	A/O PERFORM TEM M.1. Receiving ATC Mail *cancel substitute routing*			
A1.6.5.7	FORWARD NAVAID STATUS TO ANOTHER CONTROLLER/ SUPER			
	TASK TYPE. E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.6.6.7.1	PERFORM VSCS, Initiating G/G Communications *NAVAID status* A/O			
A1.6.6.7.2	PERFORM TEM M.1, Sending ATC Mail "NAVAID status" A/O			
A1.6.5.7.3	PERFORM VSCS, Communicating Normally Air-To-Ground *NAVAID status*			
A1.6.6.8	FORWARD SUBSTITUTE ROUTING			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	ÇRİTICALITY: HI	
A1.G.6.8.1	PERFORM VSCS, Initiating G/G Communications *substitute routing			
A1.6.6.8.2	A/O PERFORM TEM M.2, Sending ATC Mail *substitute routing*			
A1.6.6.8.3	PERFORM VSCS. Communicating Normally Air-To-Ground *substitute routing*			
A1.6.6.9	DELETE PREVIOUS SUBSTITUTE ROUTING			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CPITICALITY: MED	
A1.6.6.9.1	PERFORM VSCS, Initioting G/G Communications *delete previous substitute routing* A/O			

	******************************	ent Report		
TASK NUMBER . ELEMENT NUMB	TASK STATEMENTS / DATA / AND ER TASK ELEMENT STATEMENTS		NO. OF	
A1.6.6.9	DELETE PREVIOUS SUBSTITUTE ROUTING			
M1.0.0.3	TASK TYPE: E/VC COORD MEDIA: V/M	EPENHËNOV I INJ	COITICALITY: MCD (Continued)	
		FREQUENCY: LOW	CKITCALITY: MED (CONTINUED)	
A1.5.6.9.2	FERFORM TEM M.2, Sending ATC Mail *delete previous substitute routing* A/O			
A1.6.6.9.3	Air-To-Ground *issue clearance deleting previously cleared route*			
A1.6.6.10			ENANCE	
	TASK TYPE: A/VC COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: LOW	
A1.6.6.1Ø.1	SYNTHESIZE weather, traffic management, and airport information into mental picture of current and projected traffic and weather status		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
A1.6.6.10.2	ASSESS feasibility and impact of releasing equipment on the basis of current and projected workload, traffic, and weather			
A1.6.6.10.3	PERFORM VSCS, Initiating G/G Communications *discuss with supervisor appropriateness of releasing equipment to maintenance*			
A1.6.6.10.4	PERFORM VSCS. Receiving G/G Communications *discuss with supervisor oppropriateness of releasing equipment to maintenance*			
A1.6.6.11	REVIEW NEED/ CANCELLATION OF SUBSTITUTE ROUTING WITH	SUPERVISOR		
	TASK TYPE: A/VC COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: LOW	
A1.6.6.11,1				
A1.6.6.11.2	PERFORM VSCS, Initiating G/G Communications *need to concel or to implement substitute routing*			
A1,6.6.11.3	PERFORM VSCS, Receiving G/G Communications *need to implement or to concel substitute routing			
A1,6.6.12	RECEIVE SUPERVISOR NOTICE OF EQUIPMENT RELEASED TO N			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.6.6.12.1	PERFORM VSCS. Receiving G/G Communications *notice from supervisor of release status of equipment*	10		
A1.6.6.12.2	PERFURM TEM M.1. Receiving ATC Moil *notice from supervisor of release status of equipment*			
A1.6.7.1	DETECT COMMUNICATION FAILURE			
	TASK TYPE: VC/A COORD MEDIA:	FREQUENCY: LOW		
A1.6.7.1.1	PERFORM VSCS. Initiating G/G Communications *problems in initiating a ground-to-ground call*	•••••••		

	Task Ele	ment Report		
TASK NUMBER				NO. O
ELEMENT NUMBE			OBJECTS	08JEC
11.6.7.1	CETECT COMMUNICATION FAILURE			
	TASK TYPE: VC/A COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
11.6.7.1.2	PERFORM VSCS, Receiving G/G Communications *problem receiving or answering a ground-to-ground call*			
41.6.7.1.3	PERFORM VSCS, Communicating Normally Air-To-Ground *problems receiving or transmitting air-to-ground communications*			
A1.6.7.1.4	PERFORM VSC5. Bruadcasting Pre-Recorded Weather Information *problem with broadcasting*	I		
41.6.7.1.5	O PERFORM VSCS, Monitoring ATIS Voice Recording *problem monitoring ATIS*			
A1.6.7.1.6	RECOGNIZE malfunction in VSCS system which degrades or prevents communication capabilities	n		
A1.6.7.2	FORWARD ALTERNATE COMMUNICATION PATH			•••••
	TASK TYPE: E/VC COOPD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
A1.6.7.2.1	PERFORM VSCS. Initiating G/G Communications *notice of alternate communications path*			
A1.6.7.2.2	PERFORM TEM M.2, Sending ATC Mail *notice of alternate communications path*			
A1.G.7.3	RECEIVE NEW FREQUENCY ASSIGNMENT			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOC	CRITICALITY HI	
A1.6.7.3.1	PERFORM VSCS, Receiving G/G Communications *notice of new frequency*			
A1.6.7.3.2	O PERFORM TEM M.1, Receiving ATC Moil #notice of new frequency*			
A1.6.7.4	FORWARD NOTICE OF COMMUNICATION STATUS			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.6.7.4.1	PERFORM VSCS, Initiating G/G Communications *communications status*			***********
A1.6.7.4.2	O PERFORM TEM M.2, Sending ATC Mail *communications Status*			
A1.6.7.5	FORWARD NEW FREQUENCY ASSIGNMENT TO ANOTHER CONTRO			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
A1.6.7.5.1	PERFORM VSCS, Initiating G/G Communications *advising of new frequency*			**********
A1.6.7.5.2	O PERFORM TEM M.2, Sending ATC Moil *advising of new frequency* O			

.,,,,,	Task Elem	ent Report	
TASK NUMBER /	TASK STATEMENTS / DATA AND R TASK ELEMENT STATEMENTS		NO. OF
ELEMENT NUMBE	R TASK ELEMENT STATEMENTS	OBJECTS	OBJECTS
A1.6.7.5	FORWARD NEW FREQUENCY ASSIGNMENT TO ANOTHER CONTROLL		
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI (Continued)	
A1.6.7.5.3	PERFORM VSCS, Communicating Normally Air-To-Ground *advising of new frequency*		
A1.6.7.6	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH		
	TASK TYPE: R/VC CCORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
A1.6.7.6.1	PERFORM VSCS, Receiving G/G Communications *alternate communications path*		
A1.6.7.6.2	PERFORM TEM M.1, Receiving ATC Moil *alternate communications path*		
A1.6.8.1	DETERMINE IMPENDING CONTROLLER OVERLOAD		
	TASK TYPE: A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.6.8.1.1	SEARCH _Position_Symbol, _Data_Block, _Background_Descriptor, _Weather_Descriptor on _Situation_Display to determine current and projected workload levels	Data_Block Background_Descriptor	3Ø 27 1 2
A1.6.8.1.2	A/O  ACQUIRE Flight Data Entry, Time on Flight Data Display for information pertaining to actual and projected workload levels  A/O	Flight_Data_Entry Time Flight_Data_Display	2 <b>0</b> 1 1
A1.6.8.1.3	ACQUIRE _Airport_Environmental_Data_Dis play for current weather conditions A/O	Airport_Environmental_Datu_Display	1
A1.6.8.1.4	ACQUIRE Aeronautical And Meteorological Information for actual and predicted weather conditions to aid in determining current and projected workload levels		
A1.6.8.1.5	ACQUIRE Traffic Management Information for flow constraints		
A1.6.8.1.6	SYNTHESIZE all traffic and weather information into a mental picture of current and projected workload levels		
A1.6.8.1.7	ASSESS Individual workload		
A1.6.8.3			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI	
A1.6.8.3.1	PERFORM VSCS. Initiating G/G Communications *request assistance or relief*		
A1.6.8.3.2	O PERFORM TEM M.2. Sending ATC Mail *request assistance or relief*		
A1.6.8.4			
	TASK TYPE: E/VC COURD MEDIA: V/M		
A1,6.8.4.1	PERFORM VSCS, Initiating G/G Communications *request flow control be imposed* O		× +

	losk Ele	ment Report	
TASK NUMBER	TASK STATEMENTS / DATA / AND		NO. OF
ELEMENT NUMBI	ER TASK ELEMENT STATEMENTS	OBJECTS	OBJECTS
A1.6.8.4			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI (Continued)	
A1.6.8.4.2	PERFORM TEM M.2. Sending ATC Mail *request flow control be imposed*		
A1.6.9.1	INFORM PILOT OF RADAR CONTACT LOST		
·-··	TASK TYPE: VC COORU MEDIA: V	FREQUENCY: LOW CRITICALITY: MED	
A1.5.9.1.1	PERFORM VSCS, Communicating Normally Air-To- Ground *radar contact lost*		
A1.6.9.2	REASSOCIATE DATA BLOCK		**********
·-· <b>-</b>	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.6.9.2.1	INITIATE _Track_Reposition message	Track_Reposition	1
A1.6.9.2.2	EXECUTETrack_Reposition message	Track_Reposition	1
A1.6.9.2.3	DETECT _Data_Block reassociated with _Position_Symbol on _Situation_Display	Data_Block Position_S∨mbol Situation_Display	1 1 1
A1.6.9.3	OBSERVE DATA BLOCK NOT ASSOCIATED WITH TARGET		*
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.6.9.3.1	SEARCH Situation Display to verify that Data Block is associated with Position Symbol Data	Situation_Display Data_Block Position_Symbol_Data	1 27 30
A1.6.9.3.2	DETECT _Data_Block nonassociation with _Position_Symbol on _Situation_Display	Data_Block Position_Symbol Situation_Display	1 1 1
A1.6.9.4	TERMINATE RADAR SERVICE TO AIRCRAFT		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: MED	
A1.6.91	PERFORM VSCS. Communicating Normally Air-To-Ground *termination of rodar service*		
A1.6.9.5	INITIATE USE OF NON-RADAR SEPARATION STANDARDS		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.6.9.5.1	ACQUIRE Flight Data Entry, Time on Flight Data Display for information pertaining to aircraft separation	Flight_Data_Entry Time	20 1
A1.6.9.5.2	SYNTHESIZE position, route, speed, altitude, direcraft, and time informatio into a mental picture of direcraft separation	Flight_Doto_Display	1
A1.6.9.5.3	RECOGNIZE aircraft paths warranting further close monitoring and evaluation		
A1.6.9.5.4	A/O INITIATE _FDE_And_Data_Field_Emphasis message for application to aircraft requiring close monitoring	FDE_And_Dota_Fleld_Emphasis	1

	Task Eleme	nt Report	
TASK NIMBER /	TASK STATEMENTS / DATA		NO OF
ELEMENT NUMBE	R TASK ELEMENT STATEMENTS	OBJECTS	NO. OF OBJECTS
A1.5.9.5	INITIATE USE OF NON-RADAR SEPARATION STANDARDS		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI (Continued)	
A1.6.9.5.5	EXECUTE _FDE_And_Data_Field_Emphasis message *change oppearance of field for visual emphasis*		1
A1.6.9.5.6	OETECT Emphasized information in _Flight_Data_Entry *results of emphasize flight data entry message*	Flight_Data_Entry	2
A1.6 9.7	INITIATE USE OF RADAR SEPARATION STANDARDS		******
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.6.9.7,1	SCAN _Torget/Track_Descriptor on theSituation_Display	Target/Track_Descriptor Situation_Display	27 1
A1.6.9.7.2	DETECT Position Symbol or _Dota_Block on the _Situation_Display entering on area of radar coverage but not under radar contact	Position_Symbol Data_Block Situation_Display	1 1 1
A1.6.9.7.3	INITIATE _Track message *to initiate a track on an aircraft	Track	1
A1.6.9.7.4	EXECUTE _Track message	Track	1
A1.6.9.7.5	DETECT appearance of _Full_Data_Block for appropriate aircraft or _Situation_Display _A/O	Full_Oota_Block Situation_Display	1 1
A1.6.9.7.6	PERFORM VSCS, Communicating Normally Air-To Ground Prequest pilot to squowk ident*		
A1.6.9.7.7	SEARCH _Situation_Display for _Ident_Indicator in the _Target_Position_Indicator	Situation_Display Ident_Indicator Target_Position_Indicator	1 1 1
A1.6.9.7.8	DETECT _ldent_Indicator in _Target_Position_Symbol on Situation Display	<pre>Ident_Indicatur Target_Position_Symbol</pre>	1
A1.6.9.7.9	EXTRACY _Callsign from _Full_Data_Block of aircruft squawking "ident"	Collsign Full_Data_Block	1 1
A1.6.9.8	REQUEST PILOT POSITION REPORTS		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW CRITICALITY: HI	
A1.6.9.8.1	PERFORM VSCS, Communicating Normally Air-To-Ground *request pilot position reports*		<b></b>
A1.6.9.8.2	PERFORM VSCS. Initiating G/G Communications *request flight service station, ARINC, ATCT, or company radio to relay request for pilot position reports*		
A1.6.9.9	OBSERVE RETURN OF NORMAL RADAR ENVIRONMENT		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.6.9.9.1	SCAN Position Symbol. Data Block on Situation Display *to determine if Fador presentation has returned to normal*		3Ø 27 1

	Task Elen	ment Report	
TACK AN MOCO	TASK STATEMENTS / DATA		NO OF
TASK NUMBER , ELEMENT NUMBI	/ AND ER TASK ELEMENT STATEMENTS	ORJECTS	NO. OF OBJECTS
A1.6.9.9	OBSERVE RETURN OF NORMAL RADAR ENVIRONMENT	··	
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI (Continued)	
A1.6.9.9.2	RECOGNIZE that radar capabilities have returned to normal		
A1.6.9.10	OBSERVE AIRCRAFT TRACK IN COAST MODE		
	TASK TYPE: R COORD MEDIA:		
A1.6.9.10.1	ACQUIRE Position Symbol, Data Block on Sitation Display *for aircraft in coast mode*	Position_Symbol Data_Block Sitation_Display	30 27 1
A1.6,9.75	REQUEST READOUT OF ASSIGNED/ REPORTED BEACON CODE		
 	TASK TYPE: E/R/A CUORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED	
A1.6.9.75.1	INTTIATE _Query_Oata_Base_For_Readout message *beacon code*	Query_Data_Base_For_Readout	1
A1.6,9.75.2	EXECUTE _Query_Data_Base_For_Readout message	Query_Data_Base_For_Readcut	1
A1.\$.9.75.3	<pre>DETECT _Assigned/Reported_Beacon_Code in _Message_Composition_And_Response_Dis play</pre>	Assigned/Reported_Beacon_Code Message_Composition_And_Response_Display	1 1
A1.S. IØ.1	OBSERVE MESSAGE ON LOSS OF FLIGHT PLAN DATA BASE		
	TASK TYPE: R COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.6.10.1.1	ACQUIRE _Computer_Outage_Data on _System_Status_Data_Display *for indication of computer outage effecting flight plan data base	Computer_Outage_Data System_Status_Data_Display	1
A1.6.1Ø.2	DETECT FAILURE TO UPDATE FLIGHT PLAN DATA BASE		
İ	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.6.1Ø.2.1	SEARCH Flight_Data_Entry on Flight_Data_Display *to verify that flight plan data base is being updated*	Flight_Data_Entry Flight_Data_Display	28
A1.6.10.2.2	RECOGNIZE that Flight Data Entry is not being updated	Flight_Data_Entry	1
A1.6.1Ø.3	ENTER DISPLAY AMENOMENT MESSAGE ON CONSOLE		
<u> </u>		FREQUENCY: LOW CRITICALITY: HI	
A1.6.1Ø.3.1	INITIATE _Flight_Data_Amendment message *in Pruced capability or emergency mcde*		1
A1.6.10.3.2	EXECUTE _Flight_Data_Amendment message	Flight_Data_Amendment	1
A1.6.10.3.3	DETECT acceptance of New Data in appropriate field of Flight_Data_Entry	·	1 1
A1.6.10.4	ENTER FLIGHT PLAN ON CONSOLE		
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.6.10.4.1	<pre>INITIATE _Flight_Plan message *in reduced capability or emergency mode*</pre>	Flight_Plan	1

			Task Elem	ent Report				~
TASK NUMBER / ELEMENT NUMBE	R TA	ASK STATEMENT AND ASK FLEMENT S	S / DATA		OF	BJECTS		NO. OF OBJECTS
							~	
A1.6.1Ø.4	ENTER FLIGHT	PLAN ON CONS	60LE					
	TASK TY	PE: E	COORD MEDIA:				(Continued)	
A1.6.10.4.2	EX	XECUTE _Flig	ht_Plan message	*.1	Flight	_Plan		1
A1.6.10.4.3	DI l	ETECT system Flight_Plan m	n acceptance of nessage		Flight	_Plan		1
A1.6.1Ø.5	VERIFY FLIGH	T PLAN DATA E	BASE TRANSITION ACTIVITIES					**********
	TASK TYI	PE: E/R/VC	COORD MEDIA: V/M	FREQUENCY: LOW	l 	CRITICALITY: MED		
A1.6.10.5.1	A	CQUIRE _Full Situation Dis	Data_Block on play for verification of couracy during transition		Full_Do Situat:	ata_Block ion_Display		15 1
A1.6.10.5.2	C c e	ommunications ontrollers, s ngineer to ve ase*	Initiating G/G s *query other supervisor, and/ or system erify flight plon data					
A1.S.10.5.3	C d c	ERFORM VSCS, ommunications ata base info	/O Receiving G/G s *receive flight plan ormation from other supervisor, and/ or system					
A1.6.10.5.4	* S	ERFORM TEM M equery other o system engine cose*	.2, Sending ATC Mail controllers, supervisor, or er about flight plan data /0					
A1.6.10.5.5	* i	PERFORM TEM M Preceive flig Information f	.1. Receiving ATC Mail ht plan data base rom other controllers. r system engineer					
A1.6.10.5.6	C	occuracy base	erved flight data for d on compcrison with eceived from other sources					
A1.6.11.1	DETECT UNREL	.IABLE VSCS C	OMMUNICATION					
	TASK TY	PE: A/VC	COURD MEDIA:	FREQUENCY: LO	М	CRITICALITY: HI		
A1.6.11.1.1	F (	ERFORM VSCS, Communication initiating G/	Initiating G/G s *intermittent problem G communications*				~	
A1.6.11.1.2	(	Communication	Receiving G/G IS *intermittent problem Communications*					
A1.6.11.1.3		Air-To-Ground receiving or communication (	)					
41.6.11.1.4	ı	PERFORM VSCS.	Broudcasting Pre-Recorded ages *intermittent problem	1				
A1.6.11.1.5	!	PERFORM VSCS.	, Monitoring ATIS Voice intermittent problem TIS*					

	Task Eler	ment Report		
TAE' . D /	TASK STATEMENTS / DATA			NO. OF
Task : ".R / Elemen" :#Umber	AND YASK ELEMENT STATEMENTS		OBJECTS	OBJECTS
1.6.11.7 (	DETECT UNRELIABLE VSCS COMMUNICATION			
	TASK TYPE: A/VC COORD MEDIA:	FREQUENCY: LOW	CRITICALITY: HI (Continued)	
1 6.11.1.6	RECOGNIZE malfunction in VSCS system which intermittently degrades or prevents communication capabilities			
1,6 11.2	QUERV WHETHER OTHERS ARE RECEIVING AN AIRCRAFT 5 TP			
	TASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
1.6.11.2.1	PEPFORM VSCS, initiating G/G Communications *query if other controller is receiving direraft transmissions*			
1.6 11.2.2	PERFORM VSCS, Receiving G/G Communications *notice that another controller is/ is not receiving aircraft transmissions* 0			
1 6.11.2.3	PERFORM TEM M.2, Sending ATC Muil *query if other controller is receiving aircraft transmissions*			
11.6 11.2.4	PERFORM FEM M.1, Receiving ATC Mail #notice that another controller is/ is not receiving aircraft transmissions* A/O			
1,6.11.2.5	PERFORM VSCS, Communicating Normally Air To-Ground Mauery if other pilot is receiving aircraft transmissionsM			
41.6.11 <i>5</i>	ISSUE ALTERNATE COMMUNICATION FOR AIR/GROUND TRANSF	115510N		
	TASK TYPE: VC COORD MEDIA: V	FREQUENCY: LOW	CRITICALITY: HI	
A1.6 11 3.1	PERFORM VSCS, Communicating Normally Air-Tc-Ground ⊰issue alternate communication c'annel*	**************************************		
A1.6.11.4	RECEIVE NOTICE OF TRANSIENT COMPUNICATION FAILURE			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: MED	
A1.6.11.4.1	PERFORM VSCS, "Receiving G/G Communications *notice of transient communication failure*			
A*.6.11.4.2	) PERFORM TEM M.1, Receiving ATC Mai. *notice of transient communication failure*			
A1.6.12.7				
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
A <sup>1</sup> .6,12.1.1	PERFORM VSCS, Receiving G/G Communications *notice to lake over airspace*			*********
A1.6.12.1.2	*notice to take over airspace*			
A1.6.12.2	RECEIVE NOTICE TO PREPARE FOR SECTUR RECONFIGURATI			
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW	CRITICALITY: HI	
A1.6 12.2.1	PERFORM VSCS, Receiving G/G Communications *notice of terminal reconfiguration*			

		Element Report
TASK NUMBER /	TASK STATEMENTS / DATA	NO. OF
ELEMENT NUMBER	TASK ELEMENT STATEMENTS	OBJECTS OBJECT
41.6.12.2 R	RECEIVE NOTICE TO PREPARE FOR SECTOR RECONFI	TION
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI (Continued)
A1.6.12.2.2	PERFORM TEM M.T. Receiving ATC N *notice of terminal reconfigurati	
41.6,12.2.3	RECOGNIZE _Resectorization_Promp _Flight_Data_Display	Resectorization_Prompt 1 Flight_Oata_Oisplay 1
41.6. 12.2.4	A/O RECOGNIZE Resectorization_Support Indication *emphasis*	FDE_ Resectorization_Support_FDE_Indication 15
A1.6.12.3 F	RECEIVE NOTICE TO RELEASE AIRSPACE	
	TASK TYPE: R/VC COORD MEDIA: V/	FREQUENCY: LOW CRITICALITY: HI
A1.6.12.3.1	PERFORM VSCS, Receiving G/G Communications *notice to relegations airspace*	
A1.6.12.3.2	PERFORM TEM M.1, Receiving ATC ** *notice to release airspace*	
A1.6.12.4	RECEIVE NOTICE THAT ADJACENT FACILITY IS OF	
	TASK TYPE: R/VC COORD MEDIA: V/	FREQUENCY: LOH CRITICALITY: HÌ
A1.6.12.4.1	PERFORM VSCS, Receiving G/G Communications *notice that adj fucility is operativa*	t
A1.6.12.4.2	PERFORM TEM M.1, Receiving ATC *notice that adjacent facility i operative*	
A1.6.12.5	RECEIVE NOTICE THAT ADJACENT FACELITY IS IN	ATIVE
	TASK TYPE: R/VC COORD MEDIA: V,	FREQUENCY: LOW CRITICALITY: HI
A1.6.12.5.1	PERFORM VSCS. Receiving G/G Communications *notice that adj facility is inoperativ3*	
A1.6.12.5.2	PERFORM TEM M.1. Receiving ATC *notice that adjacent facility inoperative*	
41.6.12.G	ENTER RECONFIGURATION/ RESECTORIZATION ACCE	WCE
	TASK TYPE: E COORD MEDIA:	FREQUENCY: LOW CRITICALITY: MED
A1.6.12.6.1	INITIATE _Accept_Resectorization	Accept_Resectorization 1
A1.6.12.6.2	EXECUTE _Accept_Resectorization	ssage Accept_Resectorization 1
A1.6.12.6.3	DETECT system acceptance of _Accept_Resectorization message	Accept_Resectorization 1
A1.6.13.1	RECEIVE NOTICE OF RADAR SENSOR STATUS	
İ		FREQUENCY: LOW CRITICALITY: HI
A1.6.13.1.1	PERFORM VSCS. Receiving G/G communications *radar sensor s	

	Task Elemi	ent Report	
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ELEMENT NUMBER	TASK ELEMENT STATEMENTS	OBJECTS	08JECTS
11.6.13.1 REC	CEIVE NOTICE OF RADAR SENSOR STATUS		
	TASK TYPE: R/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: HI (Continued)	
11.6.13.1.2	PERFORM TEM M.1, Receving ATC Mail *radar sensor status*		
A1.6.13.2 REC	CEIVE PROCEDURES TO BE USED TO ACCOMMODATE SENSOR	OUTAGE	
	TASK TYPE: R/VC CUORD MEDIA: V/M	FREQUENCY: LON CRITICALITY: MED	
A1.6.13.2.1	PERFORM VSCS, Receiving G/G Communications *procedures to be used during sensor cutage*		
A1.6.13.2.2	O PERFORM TEM M.1, Receiving ATC Mail *procedures to be used during sensor cutage*		
A1.6.13.3 PER	RCEIVE TRACKING OR TRANSPONDER FAILURE		
	TASK TYPE: R/A COORD MEDIA:	FREQUENCY: LOW CRITICALITY: HI	
A1.6.13.3.1	RECOGNIZE Track Swap, Track Disassociation from relationship of Position Symbol to Full Data Block on Situation Display	Position_Symbol Full_Data_Block	27 15 1
A1.6.13.3.2	RECOGNIZE disappearance of target from Situation Display		
A1.6.13.3.3	DETECT appearance of Coast Indicator in Track Position Symbol, Leader Line, Full Data Block or Partial Data block on Situation Display	Coost_Indicator Trock_Position_Symbol Leader_Line Full_Data_Block Partial_Data_Block	1 2 2 2 2 2
A1.6.13.3.4	O DETECT _Transponder_Failure_Notice in _Full_Data_Block on _Simuation_Display	Transponder Failure_Notice Full_Data_Block Situation_Display	1 1 1
A1.6.13.4 FO	DRIVARD NOTICE OF RADAR SENSOR STATUS TO ANOTHER CON	INTROLLER/ SUPERVISOR	
	*ASK TYPE: E/VC COORD MEDIA: V/M	FREQUENCY: LOW CRITICALITY: MED	
A1.6.13.4.1	PERFORM VSCS, Initiating G/G Communications *notice of radar sensor atotus*		
A1.6.13.4.2	PERFORM TEM M.Z. Sending ATC Mail *notice of rowar sensor status*		

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# APPENDIX F

## TRACEABILITY TABLES

Traceability of TAAS controller tasks to functional requirements of the System Level Specification [21] shows that functionality exists to support the task. Voice communication tasks and purely mental/analytical tasks will not trace to any SLS requirement; only tasks involving receipt or entry of Sector Suite information can be traced.

The task to SLS requirement traceability table in this appendix contains five columns of information:

Task Number

Task Statement

AAS SLS Paragraph Number

AAS SLS Requirement extracting the pertinent SLS text

Page Number of the requirement location in the SLS [21].

Following the presentation of all tasks, there is a list of "orphan" tasks. These are the tasks not containing any reference to an SLS paragraph. All of these orphan tasks should be of an Analytical or Verbal Communication task type (per Appendix D Task Information Requirements), or a receipt task involving direct observation of an event or situation.

NOTE: Due to the extensive revision of the data in this Appendix, black lines (side bars) in the margins to indicate substantive changes (see Foreword) from the original volume have not been used.

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
<del></del> _				$\top$
1.1.1.1	REVIEW FLIGHT DATA DISPLAY FOR PRESENT AND/OR FUTURE AIRCRAFT SEPARATION	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAV	77
1.1.1.2	REVIEW SITUATION DISPLAY FOR POTENTIAL VIOLATION OF AIRCRAFT SEPARATION STANDARDS	48.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
.1.1.4	PROJECT MENTALLY AN AIRCRAFT'S FUTURE POSITION/ ALTITUDE/ PATH	40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	7
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	7
1.1.1.5	FORCE/ QUICK LOOK FULL DATA BLOCK(S) TO EXAMINE TRACK INFORMATION ON AIRCRAFT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	3
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	3
		3.7.1.2.1.1.1.3-78	The capability shall be provided to force the display of Full Data Blocks at a sector under specified conditions, overriding all display control functions.	3
		3.7.1.2.1.1.1.3-81	An 'edupted' FDB format shall be displayed as a result of handoff or pointout which has been initiated, or from a quick look action.	
		3.7.1.2.1.2.1-ØH	TRACK CONTROL	1
		3.7.1.2.1.2.1-15	e. Force Data Block: Flight Identification.	
		3.7.1.2.1.2.1-14	e. Force Data Block: This message shall be used to cause or remove the forcing of the display of a Full Data Block for an individual aircraft on a Situction Display.	
		3.7.1.2.1.2.1-37	k. Quick Look: (Sector Numbers).	
		3.7.1.2.1.2.1-38	k. Quick Look: This message shall provide the means for the controller to display FDBs for aircraft in the position's geographic area of concern that are aligible for display as FDBs at another position or positions in the ACCC, in adjacent sectors in adjacent ACCCs, or in a TCCC being supported.	
		40.3.7.1.2.1.1.1-80	SITUATION DISPLAY	
		48.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RUP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	
		40.3.7.1.2.1.2-60	CONTROLLER INPUT LANGUAGE PROCESSING	

Task	to	Requirement	Traceability	Matrix
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Task Number	Task Statement	to Requirement Traceat	Requirement	Page No.
Task Homoel	TOSK SECTION	13.39, 391 (14.15.1	TO TO THE TOTAL THE TOTAL TO TH	
A1.1.1.6 (cont'd)	FORCE/ QUICK LOOK FULL DATA BLOCK(S) TO EXAMINE TRACK INFORMATION ON AIRCRAFT	40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Range/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
		40.3.7.1.2.1.2-05	b. The Quick Look message shall only apply to positions in the TAAS or to positions in a TCCC being supported by the TAAS.	784
A1.1.1,8	SELECT FDE SORTING PRIORITY SCHEME	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
		40.3.7.1.2.1.1.2-04	The controller shall be able to select and prioritize sort factors, on a per list basis.	779
		48.3.7.1.2.1.1.2-15	b. Ordering - Flight Data Entries shall be ordered either automatically or manually under controller command.	780
		48.3.7.1.2.1.1.2-16	<ul> <li>b. Ordering - Each list of FDEs shall be controlled separately.</li> </ul>	780
		48.3.7.1.2.1.1.2-17	b. Ordering - In automatic ordering, the FDCs shall be sarted according to specified fields of the Flight Data.	788
		40.3.7.1.2.1.1.2-18	b. Ord: ing - The controller shall have the capability to prioritize the sort factors and to choose an ascending or descending sort order on a per list basis.	780
A1.1.1,9	OBSERVE TRACK VELOCITY/ DISTANCE VECTOR TO PROJECT AIRCRAFT MOVEMENT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.4-00	TRACK VECTOR	339
		3.7.1.2.1.1.1.4-01	The Situation Display shall contain a velocity/distance vector associated with each track.	336
		3.7.1.2.1.1.1.4-02	The velocity vector shall start at the track position symbol and its length shall correspond to the distance the aircraft will travel in a controller selectable number of minutes from zero up to an adaptable maximum value.	336
		3.7.1.2.1.1.1.4-03	The distance vector shall start at the track position symbol and its length shall correspond to a controller-selectable number of miles along the projected heading.	337
		3.7.1.2.1.1.1.4-85	An indication shall be provided to distinguish between the two types of track vectors.	337
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	775
		40.3.7,1.2.1.1.1-00	SITUATION DISPLAY	

A1.1.1.12 REV POT AIR  A1.1.1.14 REV POT CON  A1.1.1.75 REV VIC	SERVE TRACK VELOCITY/ STANCE VECTOR TO PROJECT RCRAFT MOVEMENT  VIEW SITUATION DISPLAY FOR RENTIAL VIOLATION OF RSPACE SEPARATION STANDARDS  VIEW SITUATION DISPLAY FOR RENTIAL VIOLATION OF RECRMANCE CRITERIA  VIEW DISPLAYS FOR POTENTIAL GLATION OF FLOW RESTRICTIONS	40.3.7.1.2.1.1.1-00  40.3.7.1.2.1.1.1-00  40.3.7.1.2.1.1.1-00  40.3.7.1.2.1.1.1-00	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Wenther from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.  SITUATION DISPLAY  SITUATION DISPLAY	779 779 779
A1.1.1.76 REC VIC	TENTIAL VIOLATION OF RSPACE SEPARATION STANDARDS  VIEW SITUATION DISPLAY FOR TENTIAL VIOLATION OF NFORMANCE CRITERIA  VIEW DISPLAYS FOR POTENTIAL CLATION OF FLOW RESTRICTIONS  QUEST BEACON CODE/ MODE C/	40 3.7.1.2.1.1.1-05 40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	775
A1.1.1.75 REV VIO	TENTIAL VIOLATION OF NFORMANCE CRITERIA  VIEW DISPLAYS FOR POTENTIAL GLATION OF FLOW RESTRICTIONS  QUEST BEACON CODE/ MODE C/	40.3.7.1.2.1.1.1-00		
VIO 41.1.1.76 REC GRC	CLATION OF FLOW RESTRICTIONS  QUEST BEACON CODE/ MODE C/		SITUATION DISPLAY	775
GRO		40.3.7.1.2.1.1.2-00	•	-
GRO			FLIGHT DATA DISPLAY	775
	OUND SPEED READOUT OF ASSOCIATED TARGET	40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-24	Any messages necessary for ATC at existing ARTS control positions shall also be enterable at the Sector Suite of the TAAS, even if such messages are not required for the MAS.	78
CH	ISERVE DISPLAY OF NEW/ IANGED EQUIPMENT/ OPERATIONAL 'ATUS	3.7.1.2.1.1.8-00	SYSTEM STATUS DATA DISPLAY	35
		3.7.1.2,1.1.8-01	This logical display shall contain dynamic information regarding the status of A <sup>TC</sup> equipment, operational areas, airports, etc.	35
		3.7.1.2.1.1.8-02	The following data categories shall be included: Communication Channel Assignments, Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radur Equipment Outages and Repair Schedule, NAVAID Outages and Repair Schedule, NAVAID Maintenance Schedule, Sectorization Plan (See SLS).	35
		3.7,1.2.1.1.8-03	The controller shall have the capability to select the catagories of data to be displayed.	35
		3.7.1.2.1.1.8-04	All displayed information shall be updated automatically when changes are reported.	3;
		3.7.1.2.1.1.8-05	As established through adaptation, selected items shall be emphasized to indicate that an automatic update has occurred on the display.	3:
		40.3.7.1.1.1.3-00	SYSTEM FUNCTIONAL PERFORMANCE MONITORING CAPABILITY	7

Tosk Number	Task Statement	Paragraph Number	Requirement	Page No.
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A1.1.2.1 (cont'd)	OBSERVE DISPLAY OF NEW/ CHANGED EQUIPMENT/ OPERATIONAL STATUS	4ਈ,3.7.1.1.1.3··02	It shall report to the operations and supervisory personnel all events which affect the functional performance of the system and shall provide a comprehensive history of the TAPS's functional availability.	766
	40.3.7.1.1.1.3.3-00 40.3.7.1.1.3.3-03	40.3.7.1.1.1.3.3-00	MONITOR FUNCTION PERFORMANCE AND AVAILABILITY	76
		40.3.7.1.1.1.3.3-03	The TAAS shall alert supervisory and operational personnel to any degradation of the system's functional performance.	76
		40.3.7.1.1.1.3.3-04	If the performance of a function degrades to a point where it is no longer useful, performance of that function shall be automatically suspended and supervisory and operational personnel shall be notified.	76
	40.3.7.1.1.3.3-07 40.3.7.1.1.1.3.3-17	If the Reduced Capability Mode cannot be maintained, all supervisory and operational personnel shall be notified that the system is in the emergency mode.	76	
		40.3.7.1.1.1.3.3-17	When the interface between a TCCC or D-BRITE and the TAAS is lost or when the TAAS determines that a TCCC is in standalone mode, the TAAS shall signal supervisory and affected operational personnel.	76
		40.3.7.1.1.3.3-18	When communications are restored, the TAAS shall signal the affected personnel and facilities.	71
		40.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	7
		40.3.7.1.2.1.1.7-01	The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-det ected failures of TAAS resources, and that there is no requirement for additional categories defined us part of (See SLS).	7
A1.1.2.2	ENTER SYSTEM STATUS DATA CHANGE	40.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	7
		40.3.7.1.2.1.1.7-01	The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-det ected failures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS).	7
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	;
		48.3.7.1.2.1.2-13	e. The requirements of Section 3.7.1.2.1.2.4 shall be replaced as follows.	
1				

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
1.1.2.2 cont'd)	ENTER SYSTEM STATUS DATA CHANGE	40.3.7.1.2.1.2-14	e. The controller, supervisor or area manager shall be able to change the System Status Data that are listed in Section 40.3.7.1.2.1.1.7 describing the System Status Data Display.	78
ADJACENT/ BA	RECEIVE NOTICE OF STATUS OF ADJACENT/ BACKUP FACILITY AUTOMATION EQUIPMENT	3.7.1.1.1.3.3-00	MONITOR FUNCTION PERFORMANCE AND AVAILABILITY	26
		3.7.1.1.1.3.3-08	If the Reduced Copability Mode cannot be maintained, all supervisory and operational personnel shall be notified that the system is in the emergency mode and messages shall be sent to adjacent and backup ACCCs and appropriate TCCCs.	26
		3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	;
		40.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	,
1.1.2,4	DETECT EQUIPMENT SERVICE INTERRUPTION/ RESTORATION	40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	.   ;
		40.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	] ;
		40.3.7.1.2.1.1.4-60	SPECIAL LISTS	
		40.3.7.1.2.1.1.5-80	MESSAGE COMPOSITION AND RESPONSE DISPLAY	
		40.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	
		40.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	İ
1.1.2.5	RECEIVE NOTICE OF COMMUNICATION STATUS	3.7.1.1.3.7,1-00	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	
1.1.2.75	DETECT AIRPORT ENVIRONMENTAL EQUIPMENT SERVICE INTERRUPTION/ RESTORATION ALERT	3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	

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Task Number	Task Statement	Paragraph Number	Requirement	No.
A1.1.2.75 (cont'd)		3.7.1.1.3.7.2~05	c. Environmental and ATC Equipment Alerts - The ACCC shall provide selected environmental and equipment operational status data to the maintenance and operational control positions in such a manner as to assure timely controller response.	388
		48.3.7.1.1.3.7.2-08	ENVIRONMENTAL AND STATUS DATA PROCESSING	776
		40.3.7.1.1.3.7.2-01	The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source of airport environmental data and airport equipment status data shall be TCCC or manual input.	776
A1.1.2.76	ACKNOWLEDGE AIRPORT ENVIRONMENTAL EQUIPMENT SERVICE OPERATIONAL STATUS ALERT	3.7.1.2.1.1.7-00	AIRPORT ENVERONMENTAL DATA DISPLAY	350
		3.7.1.2.1.1.7-11	As established through adaptation, selected data items (e.g., closed runways, DASI, etc.) shall be emphasized to indicate to the controller that an automatic update has occurred on the display.	35:
		3.7.1.2.1.1.7-13	The data shall remain emphasized for either an adopted time period or until the controller deselects the emphasis.	35:
		40.3.7.1.2.1.1.6-00	AIRPORT ENVIRCAMENTAL DATA DISPLAY	78
		40.3.7.1.2.1.1.6-01	The requirements of Section 3.7.1.2.1.1.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	78
A1.1.3.1	SEARCH DISPLAY FOR INACTIVE FLIGHT PLAN ON CLEARANCE REQUEST	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
		40.3.7.1.2.1.1.2-01	This logical display shall contain flight information for aircraft under the control of the sector, those not yet under the control of the sector, and those of interest to the sector.	77
		40.3.7.1,2.1.1.2-07	a. Posting - There shall be three types of FDEs for the terminal area: enroute, departure, and arrival.	77
		40.3.7,1.2.1.1.2-08	a. Posting - The capability shall be provided to display the different types of FDEs in separate lists.	77
		40.3.7.1.2.1.1.2-12	a. Posting - Other posting lists such as Information, Hold, Release, etc., shall be available as defined in adaptation.	78
A1.1.3.2	REQUEST FLIGHT DATA READOUT	3.7.1.2.1.1.6-00	MESSAGE COMPOSITION AND RESPONSE DISPLAY	35
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Task Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.1.3.2 (cont'd)	REQUEST FLIGHT DATA READOUT	5.7.1.2.1.1.6-Ø4	The Response Display shall contain information that is a response to a query made by the controller to the data base such as a flight plan readout, a route readout, weather data readout, or ATC mail message readout.	358
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
		40.3.7.1.2.1.1.2-35	In addition to the Flight Data Area, a Flight Data Readout Area shall be established to display all of the flight data on one particular flight that is selected by the controller.	781
A1.7.3.3	REQUEST FLIGHT DATA ENTRY FORMAT CHANGE	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
		48.3.7.1.2.1.1.2-03	Multiple adaptation sets shall be provided for controller selection of the format of data to be displayed.	779
		40.3.7.1.2.1.1.2-33	f. Formatting - A minimum of 10 formats set in adaptation shall be provided for each operational position specified in Section 40.3.7.1.2.2 (this is a minimum of 40 formats, 10 for each of 4 positions).	781
		48.3.7.1.2.1.1.2-34	f. Formatting - The controller shall be able to select a format for all FDEs, a different format for all FDEs in each separate posting list, and/or a different format for a particular FDE from the formats available at his position.	781
A1.1.4.1	ENTER DEPARTURE/ EN ROUTE TIME MESSAGE	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	37
		3.7.1.2.1.2.2-10	c. Departure: Flight Identification, (Departure Time), (Assigned Altitude).	37
		3.7,1.2.1.2.2-11	c. Departure: This message shall be used to activate a proposed departure or a proposed airfile flight plan.	37
		3.7.1.2.1.2.2-22	g. Progress Report: Flight Identification, Fix, (Actual Time at Fix), (Pilot Estimate at Fix), (Next Fix), (Pilot Estimate at Next Fix), (Altitude).	37
		3.7.1.2.1.2.2-23	g. Progress Report: This message shall be used to update the position in time of an active flight plan.	37
		48.3.7.1.2.1.2-88	CONTROLLER INPUT LANGUAGE PROCESSING	78
		40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	78

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
1.1.4.2	INITIATE TRACK MANUALLY	3.7.1.1.3.2.2-00	TRACK INITIATION	27
	3.7.1.1.3.2.2-05	The ACCC shall provide the capability of manually initiating a track through controller input even if the reports associated with the target to be tracked consist entirely of primary (search) reports.	2	
		3.7.1.2.1.2.1-00	TRACK CONTROL	1
		3.7.1.2.1.2.1-Ø5	b. Track: Flight Identification, Track Action (Coast, Start, Drop, etc.), (Track Start Position), (Speed), (Heading), (Assigned Altitude).	3
		3.7.1.2.1.2.1-06	<ul> <li>b. Track: This message shall be used to change the tracking status of an aircraft.</li> </ul>	
		3.7.1.2.1.2.1-07	b. Track: The Track message shall be designed to enable the controller to modify the tracking function for a particular aircraft.	
		48.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	
		48.3.7.1.1.3.2-81	The requirements of Section 3.7.1.1.3.2 and subordinate sections shall apply to the TAAS with the following exceptions.	
		48.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	
		40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Range/Bearing Readout, Continuous Range Readout, and Radar Contact shall be processed.	
A1.1.4.3	OBSERVE AUTOMATIC TRACK START	3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	ļ
		3.7.1.1.3.2-02	All tracks that are initiated shall be designated as unclassified tracks until processed by the Pairing Tracks with Flight Plans function.	
		3.7.1.1.3.2-03	Tracks that pair with a flight plan shall be designated as paired tracks.	
		3.7.1.1.3.2-04	Tracks that do not pair with a flight plan shall be designated as unpoired tracks.	
		3.7.1.1.3.2-05	The ACCC shall attempt to correlate target data with all tracks.	
		3.7.1.1.3.2.2-00	TRACK INITIATION	

Task Number	Task Statement	Paragraph Number	Requirement	Page No
A1,1.4,3 (cont'd)	OBSERVE AUTOMATIC TRACK START	3.7.1.1.3.2.2-01	a. Except when selected categories of tracks are inhibited per paragraph 3.7.1.1.3.2.12, the ACCC shall automatically initiate tracks on all Mode S and ATCRBS targets.	27
		3.7.1.1.3.2.2-02	b. Except in adapted volumes of airspace around airports, the ACCC shall automatically initiate tracks on all Mode S and ATCRBS targets.	27
		3.7.1.1.3.2.2-03	c. Except for targets with valid Mode C data when the Mode C is above or below adapted altitudes for the ACF (the ACF ceiling plus at least 6000 feet and the ACF floor minus at least 6000 feet), the ACCC shall automatically initiate tracks on all Mode S and ATCRUS targets.	27
		3.7.1.1.3.2.2-06	A controlled track shall also be initiuted as a result of a handoff from an adjacent facility.	27
		3.7.1.1.3.2.3-00	PAIRING TRACKS WITH FLIGHT FLAN	2
	3.7.1.1.3.2.3-01 3.7.1.1.3.2.3-02 3.7.1.1.3.2.3-05	3.7.1.1.3.2.3-07 The ACCC shall pair unclass flight plan data.	The ACCC shall pair unclassified tracks with flight plan data.	2 ا
		3.7.1.1.3.2.3-02	When a discrete code or Mode S track is automatically initiated, a check shall be made to determine whether a flight plan exists for that track.	2
		For departures from airports being provided radar approach control services via the ACCC, the ACCC shall automatically initiate departure processing for the flight when the track auto-initiates and pairs with the flight plan for the flight.	2	
		40.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	7
		40.3.7.1.1.3.2-01	The requirements of Section 3.7.1.1.3.2 and subordinate sections shall apply to the TAAS with the following exceptions.	7
A1.1.4.4	RECEIVE DEPARTURE/ EN ROUTE TIME NOTICE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2
		The ACCC shall provide the capability to communicate via electronic media.	2	
		ATC MAIL PROCESSING	:	
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	;
A1.1.4.75	ACKNOWLEDGE EMPHASIZED DEPARTURE MESSAGE	40.3.1.1-00	GENERAL DESCRIPTION	7

Task Number	Task Statement	Paragraph Number	Requirement	Paga No.
A1.1.4.75 (cont'a)		4 <b>6.3.1.1-6</b> 1	Excluding any TAAS equipment located at airport towers to support tower displays, the TAAS shall be capable of being installed alongside of and in the same building as on ISSS.	727
		48.3.2.1.1-66	TAAS PERFORMANCE	738
		48.3.2.1.1-01	There is no intent to require that the identical terminology, constructs, data items, or message types must be designed into the TAAS.	738
A1.1 4.76	OBSERVE EMPHASIZED DEPARTURE MESSAGC	40.3.7.1.2.1.2·60	CONTROLLER INPUT LANGUAGE PROCESSING	78
		48.3.7.1.2.1.2-24	Any mesuaces necessary for ATC at existing ARTS control positions shall also be enteroble at the Sector Suite of the TAAS, even if such messages are not required for the AAS.	78
A1.1.5.1	EVALUATE CONDITIONS FOR PROVIDING FLIGHT FOLLOWING	48.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
A1.1.5.Z	RECEIVE REQUEST FOR FLIGHT FOLLOWING	5.7.1.1.5.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.7.3.7.1-Ø1	The ACCC shall provide the copability to communicate via electronic media.	29
		48.3.7.1.1.3.7.1-88	ATC MAIL PROCESSING	77
		40.3.7.1 1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.1.5.3	DENY FLIGHT FOLLOWING REQUEST	3.7.1,1.3,7.1-00	ATC MAIL MESSAGE PROCESSING	29
		<b>5.7.1.1.3,7,1-6</b> 1	The ACCC shall provide the capability to communicate via electronic media.	29
		48.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.1.5.4	REQUEST/ ASSIGN BEACON CODE TO AIRCRAFT	3.7.1.2.1.2.2-60	FLIGHT DATA CHANGES	37
		3.7,1,2.1 2.2-12	d. Discrete Code Request/Assignment: Flight Identification, (Beacon Code), (Code Subset Designator).	37
		3.7,1,2,1,2,2-15	d. Discrete Code Request/Assignment. This message shall be used to request the ACCC to assign or change a discrete beacon code for a flight.	37

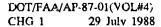
Task Number	Taşk Statement	Paragraph Number	Requirement	Page No.
	REQUEST/ ASSIGN BEACON CODE TO AIRCRAFT	3.7.1.2.1.2.2-14	d. Discrete Code Request/Assignment: The controller shall be able to assign a specific code, or have the system pick the code from a controller selected code subset or from a contiguous set of codes in a subset.	374
		40.3.7.1.1.3.3.1.5~00	BEACON CODE ASSIGNMENT	773
		40.3.7.1.1.3.3.1.5~10	The controller shall be able to request a discrete code be assigned to a flight plan from one specific adapted subset or from an adapted contiguous set of codes in a subset.	773
		40.3.7.1.2.1.2-00	CONTROLLER INFUT LANGUAGE PROCESSING	78
		40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	78
A1.1.6.1	OFFSET A DATA BLOCK	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7.1.2.1.1.1.5-83	A leader shall be displayed from the track position symbol to the Callsign in the displayed Full Data Block.	33
		3.7.1.2.1.1.1.3-84	The direction and length of the leader for each data block shall be determined by one of two controller-selectable ways, automatic or manual data block offset.	33
		3.7.1.2.1.1.1.3~87	The controller shall be able to override automatic offsetting for the whole display or for each data block individually.	33
		3.7.1.2.1.1.1.5-88	The controller shall then be uble to adjust the leader length and the leader direction of each Data Block manually.	33
		3.7.1.2.1.1,1.3-89	Leader length and direction shall be separately adjustable for LDBs, FDBs, and PDBs.	33
		3.7.1.2.1.1.1.3-94	The leader shall be displayed from the track position symbol to the top line in the PDB.	3:
		3.7.1.2.1.1.1.3-95	The length and direction of the leader shall be iritially set in adaptation and be controller adjustable.	31
		3.7.1.2.1.1.1.3.0-01	The leader shall be displayed from the target symbol to the top line in the LDB.	3:
		3.7.1.2.1 1.1.3.0-02	The length and direction of the leader shall be initially set in adaptation and be controller adjustable.	3

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.1.6.1 (cont'd)	OFFSET À DATA BLOCK	4∄.5.7.1.2.1.1.1− <b>ଶ</b> ଥ	SITUATION DISPLAY	779
(cont d)		48.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weatner from RMP, Conflict Resolution and MSAN Advisories, Toute Display, and Flight Flan Conflict/Trial Plan Display are not required.	779
A1.1.6.2	UPGATE/ REVISE CONTROLLER NOTE	3.7.1.2.1.1.1-08	SITUATION DISPLAY	323
		3.7.1.2.1,1.1.14-00	GEOGRAPHIC TAGGING	339
		3.7.1.2.1.1.1.14-02	The capability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the CFSD or controller entered fix.	338
		3.7.1.2.1.1.18-00	CONTROLLER NOTEPAD DISPLAY	35.
		3.7.1.2.1.1.18-01	The logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	36
		3.7.1.2.1.1.18-02	The capability shall be provided to quickly and easily edit or modify the contents of these notes.	36
		48.3.7.1.2.1.1.1-88	SITUATION DISPLAY	77
		46.3.7.1.2.1.1.1-61	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RMP. Conflict Resolution and MSAW Advisories. Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
		48.3.7.1.2.1.1.11-09	CONTROLLER NOTEPAD DISPLAY	71
		48.3.7.1.2.1.1.11-61	The requirements of Section 3.7.1.2.1.1.18 shall apply to TAAS.	71
A1.1.6.3	DELETE FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM ATC SYSTEM	3.7.1.2.1.2.2-88	FLIGHT DATA CHANGES	3
		3.7.1.2.1.2.2-30	j. Drop Flight Plan: Flight Identification.	3
		3.7.1.2.1.2.2-31	j. Drop Flight Plan: This message shall be used to delete from the system all flight data for an IFR or VFR flight plan and downgrade the paired track, if any, to an unpaired track.	3
		40.3.7.1,2,1,2-66	CONTROLLER INPUT LANGUAGE PROCESSING	

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
(1.1.6.3 (cont'd)	DELETE FLICHT DATA ENTRY AND FULL DATA BLOCK FROM ATC SYSTEM	40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver. Create/Delete Route, and Repetitive Route Amendment.	76
SUPPRESS DISPLAY OF FLIGHT DATA ENTRY AND FULL DATA BLOC FROM ALL DISPLAYS IN OWN SECTOR SUITE	DATA ENTRY AND FULL DATA BLOCK FROM ALL DISPLAYS IN OWN	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	37
		3.7.1.2.1.2.2-58	w. Suppress/Restore Full Data Block and Flight Data Entry: Flight Identification.	37
		3.7.1.2.1.2.2-59	w. Suppress/Restore Full Lata Block and Flight Data Entry: This message shall be used to suppress/restore the display of a Full Data Block and associated Flight Data Entry from all displays in this Sector Suite.	37
	40.3.7.1.2.1.2-00 40.3.7.1.2.1.2-07	40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	7
		48.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	7
11.1.6.6	RESTORE DISPLAY OF FLIGHT DATA ENTRY AND FULL DATA BLOCK TO ALL DISPLAYS ON OWN SECTOR SUITE	3.7.1.2.1.2.2-00	FLIGHT PATA CHANGES	3
		3.7.1.2.1.2.2-58	w. Suppress/Restore Full Data Block and Flight Data Entry: Flight Identification.	3
		3.7.1.2.1.2.2-59	w. Suppress/Restore Full Data Block and Flight Data Entry: This message shall be used to suppress/restore the display of a Full Data Block and associated Flight Data Entry from all displays in this Sector Suite.	3
		48.3.7.1.2.1.2-88	CONTROLLER INPUT LANGUAGE PROCESSING	1
		48.3.7.1.2.1.2-87	c. For Flight Data Chonges (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport. Implement Reroute. Implement Absorption Maneuver. Create/Delete Route, and Repetitive Route Amendment.	7
41.1.6.7	SUPPRESS DATA BLOCK FROM ALL DISPLAYS IN OWN SECTOR SUITE	3.7.1.2.1.1.1-80	SITUATION DISPLAY	
		3.7.1.2.1.1.1.3-00	TARGET AND THACK DATA AND SYMBOLOGY	
		5.7.1.2.1.1.3-79	The controller shall have the capability to suppress the display of individual FDBs and restore the display of a suppressed FDB.	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.1.6.7 (cont'd)	SUPPRESS DATA BLOCK FROM ALL DISPLAYS IN OWN SECTOR SUITE	3.7.1.2.1.1.1.3.0-03	The controller shall have the capability to suppress the display of individual LDBs and restors the display of a suppressed LDB.	336
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.i-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
A1.1.6.8	RESTORE DATA BLOCK TO ALL DISPLAYS IN OWN SECTOR SUITE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.3-ฮต์	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-74	dd. Some of the conditions that shall result in display of a FDB for a track are: Full Data Black has been requested for this track by controller input.	335
		3.7.1.2.1.1.1.3-79	The controller shall have the capability to suppress the display of individual FDBs and restore the display of a suppressed FDA.	335
		3.7.1.2.1.1.1.3.0-03	The controller shall have the capability to suppress the display of individual LDBs and restore the display of a suppressed LDB.	336
		3.7.1.2.1.1.1.3.0-08	ea. The controller shall have the capability to display LDBs according to the following controller selected LDB filters: altitude limits.	336
		3.7.1.2.1.1.1.3.0-09	ab. The controller shall have the capability to display LDBs according to the following controller selected LDB filters: beacon code limits.	336
		3.7.1.2.1.1.1.3.0-10	ec. The controller shall have the capability co display LDBs according to the following controller selected LDB filters: geographic area within the selected grographic area of concern.	336
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1,2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	775
A1.1.6.9	SUPPRESS FLIGHT DATA ENTRY FROM ALL DISPLAYS IN OWN SECTOR SULTE	48.3.7.1.2.1.1.2-88	FLIGHT DATA DISPLAY	775

Task to Requirement Traceability Matrix Task Number Task Statement Panagraph Number Requirement SUPPRESS FLIGHT DATA ENTRY A1.1.6.9 40.3.7.1.2.1.1.2-29 d. Suppression - FDEs shall be automatically suppressed from one or more lists as a FROM ALL DISPLAYS IN OHN (cont'd) SECTOR SUITE result of the selection by the controller of a suppress FDE action or expiration of un adaptable time after accept handoff is received from an adjacent sector or facility. d. Suppression - An optional manual acknowledgment mode shall be provided to 40.3.7.1.2.1.1.2-30 780 override automatic suppressions. A1.1,6.18 RESTORE FLIGHT DATA ENTRY TO 3.7.1.2.1.2.2-00 FLIGHT DATA CHANGES 373 ALL DISPLAYS IN OWN SECTOR SUITE 376 3.7.1.2.1.2.2-42 p. Request FDEs: (Sector Number and/or Facility), (Posting List Header), (Flight Identification(s)). 3.7.1.2.1.2.2-43 377 p. Request FOEs: This message shall enable the controller to request one or more FDEs from another sector and/or facility to be displayed in the Flight Data Area at the requesting sector. 48.3.7.1.2.1.1.2-88 FLIGHT DATA DISPLAY 779 40.3.7.1.2.1.1.2-13 c. Posting - The controller shall have the 78Ø capability to move FDEs into and out of these special lists and the other types of posting lists including those of other sectors. 40.3.7.1.2.1.2-08 CONTROLLER INPUT LANGUAGE PROCESSING 783 48.3.7.1.2.1.2-07 c. For Flight Data Changes (Section 784 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment. FLIGHT DATA FIELDS A1.1.6.11 ENTER FDE NOTATIONS 3,7.1,2.1,1.2.1-00 341 3.7.1.2.1.1.2.1-09 The copobility shall be provided to 342 display/delete FDE notations (FDENs) in specified fields of FDEs. In addition, the capability shall be provided for the controller to display any 342 3.7.1.2.1.1.2.1-13 FDEN through controller FDEN entry. 3.7.1.2.1.1.2.1-28 d. FDENs indicating that radar contact has 342 been lost or radar service has beer. terminated shall be displayed upon controller FDEN entry. 3.7.1.2.1.1.2.1-32 f. The following FDEN categories shall te 343 provided: FDENs associated with the route data field shall uniquely denote radar vector heading and/or direct route clearances, DME arc, and radius clearances.



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1.1.6.11 cont'd)	ENTER FDE NOTATIONS	3.7.1.2.1.1.2.1-33	f. These FDENs shall be displayed upon controller FDEN entry.	34
		3.7.1.2.1.1.2.1-52	<ol> <li>An FDEN indicating a controller request for a pilot to report reaching or leaving an altitude and an FDEN indicating pilot reported altitude other than assigned shall be displayed upon controller FDEN entry.</li> </ol>	34
		3.7.1.2.1.1.2.1-53	i. An FDEN indicating that an altitude has been reached or vacated shall be generated when the controller inputs a reported altitude message indicating this condition.	34
		3.7.1.2.1.1.2.1-54	j. The following FDEN categories shall be provided: FDENs shall indicate a record(s) of clearances and instructions which have been delivered.	3
		3.7.1.2.1.1.2.1-57	j. These FDENs shall be displayed upon controller FDEN entry.	3
		3.7.1.2.1.1.2.1-58	k. The following FDEN categories shall be provided: An FDEN shall denote a controller assigned speed restriction.	3
		3.7.1.2.1.1.2.1-59	k. This FDEN shall be generated upon controller FDEN entry and shall be automatically transferred and displayed at the next sector when a handoff is initiated.	3
		3.7.1.2.1.1.2.1-63	m. This FDEN shall be generated when a hold message is entered by the controller.	
		3.7.1.2.1.1.2.1-65	n. The following FDEN categories shall be provided: An FDEN shall indicate to the controller that future action is required with respect to the field tagged with this FDEN.	
		3.7.1.2.1.1.2.1-66	n. This FDEN shall be displayed upon controller FDEN entry.	
		<b>3</b> ,7.1.2.1.1.2.1-67	o. The following FCEN categories shall be provided: An FDEN shall denote that a flight has been changed to the next frequency and shall include, at the controller's option, the new frequency and the frequency time change.	
		3.7.1.2.1.1.2.1-68	o. This FDEN shall be displayed upon controller FDEN entry.	
		3,7.1.2.1.1.2.1-63	p. The following FDEN categories shall be provided: FDENs shall uniquely indicate that VFR flight following, Stage II, TCA, IRSA, or APSA service is being provided to an aircraft.	
		3.7.1.2.1.1.2.1-70	p. These FDENs shall be displayed upon controller FDEN entry.	

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A1.1.6.11 (Cont'd)	ENTER FDE NOTAYIONS	3.7.1.2.1.1.2.1-71	q. The following FDEN categories shall be provided: An FDEN shall denote the cancellation of an IFR flight plan.	344
		3.7.1.2.1.1.2.1-72	q. This FDEN shall be displayed upon controller FDEN entry.	344
		3.7.1.2.1.1.2.1-73	r. The following FDEN categories shall be provided: An FDEN shall uniquely denote arrival time and clearance void time.	344
		3.7.1.2.1.1.2.1-74	r. These FDENs shall be displayed upon controller FDEN entry.	344
		3.7.1.2.1.1.2.1-75	s. The following FDEN categories shall be provided: FDENs associated with the Posted Fix field shall uniquely denote the pilot estimate at this fix and the actual time at this fix.	344
		3.7.1.2.1.1.2.1-76	s. These FDENs shall be automatically generated and displayed when the controller inputs a progress report which contains these coordination times.	344
		3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	373
		3.7.1.2.1.2.2-20	f. Hold: The option small be provided to enter holding instructions, namely hold direction, turns, leg lengths, and time entering and time leaving hold.	375
		3.7.1.2.1.2.2-21	f. Hold: These holding instructions shall be processed only for the display of FDENs.	375
		3.7.1.2.1.2.2-23	g. Progress Report: This message shall be used to update the position in time of an active flight plan.	375
	3.7.1.2.1.2.2-26	h. Reported Altitude: In addition, the option shall be provided to denote that the reported aititude is a report reaching, a report leaving, or other than assigned altitude.	375	
		3.7.1.2.1.2.2-27	h. Reported Altituda: These optional fields shall be processed only for the display of FDENs.	375
		3.7.1.2.1.2.2-57	v. Altitude Restriction Message: This message shall be used for processing controller reminders and for the display of FDENs.	371
		40.3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	78

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A1.1.6.11 (cont'd)	enter FDE NOTATIONS	40.3.7.1.2.1.1.2.1-01	a. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	781
		40.3.7.1.2.1.1.2.1-04	d. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The requirements for FDENs associated with assigned altitude are replaced as follows.	781
		40.3.7.1.2.1.1.2.1-05	d. FDENs associated with the assigned altitude field shall uniquely indicate 1) Verified assigned altitudes, 2) Altitude restrictions, 3) Assigned altitude inappropriate for the direction of flight, and/or 4) Fix crossing time.	781
		40.3.7.1.2.1.1.2.1-06	d. The capability shall be provided to display these FDENs simultaneously.	781
		46.3.7.1.2.1.1.2.1-67	d. An FDEN indicating an assigned altitude has been verified or a fix crossing time has been issued, shall be displayed upon controller FDEN entry.	781
		40.3.7.1.2.1.1.2.1-08	d. FDEN(s) indicating an altitude restriction(s) shall be generated when the controller inputs an altitude restriction message and shall be displayed at the entering position and all positions displaying an FDE for the flight up to and including the sector in which the altitude restriction applies.	792
		48.3.7.1.2.1.1.2.1-11	d. Upon controller FDEN entry, this FDEN shall denote that the wrong altitude for direction of flight has been approved with the next sector.	782
		40.3.7.1.2.1.1.2.1-12	e. FDENs associated with next fix data field (5.7.1.2.1.1.2.1 item i) do not apply to TAAS.	782
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78
		40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by 1AAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	78
A1.1.6.12	DELETE FDE NOTATIONS	3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	34
		3.7.1.2.1.1.2.1-09	The capability shall be provided to display/delete FDE notations (FDENs) in specified fields of FDEs.	34

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A1.1.6.12 (cont'd)	DELETE FDE NOTATIONS	3.7.1.2.1.1.2.1-15	Unless otherwise noted, FDENs shall be displayed only at the operational position which has control of the track and shall be automatically deleted when the condition which generated the FDEN no langer exists, or upon controller deletion.	3/
		40.3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	71
		40.3.7.1.2.1.1.2.1-01	a. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformunce Indicator, Matering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	7
.1.6 13	RESEQUENCE FLIGHT DATA ENTRY	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	7
		40.3.7.1.2.1.1.2-15	b. Ordering - Flight Data Entries shall be ordered either automatically or manually under controller command.	7
		40.3.7.1.2.1.1.2-19	b. Ordering - In manual ordering, the controller shall have the capability to put a new FDE in the appropriate place in a list and to move FDEs with respect to one another.	
1.1.6,14	DELETE CONTROLLER NOTE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		3.7.1.2.1.1.1.14-00	GEOGRAPHIC TAGGING	
		3.7.1.2.1.1.1.14~82	The capability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the CPSD or controller entered fix.	
		3.7.1.2.1.1.18-00	CONTROLLER NOTEPAD DISPLAY	
		5.7.1.2.1.1.าชี-ซ่า	The logical display shall contain controller entered free-form text notes which have no 'semantic level' meaning to the system, but rather are treated as a string of undifferentiated characters.	
		3.7.1.2.1.1.18-84	These notes shall only be displayed at the entering position and shall remain in the logical display until the controller takes action to delete them.	
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	

	Task Number	Task Statement	Paragraph Number	Requirement	Page No.
7	A1.1.6.14 (cont'd)	DELETE CONTROLLER NOTE	48.3.7.1.2.1.1.11-88	CONTROLLER NOTEPAD DISPLAY	783
			40.3.7.1.2.1.1.11-01	The requirements of Section 3.7.1.2.1.1.18 shall apply to TAAS.	783
	A1. 1.6.15	DELETE SCRATCH PAD DATA IN FULL DATA BLOCK	3.7.1.2.1.1.1-60	SITUATION DISPLAY	323
			3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	338
			3.7.1.2.1,1,1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	332
			3.7.1.2.1.1.1.3-55	bk. Scratch Pad Data shall be entered by the controller and shall consist of up to three characters of information.	334
			40.3.7.1.2.1.1.1-08	SITUATION DISPLAY	779
			40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall upply to TAAS except that Graphic Weather from RMP, Conflict Resolution and MSAN Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
	A1.1.6.75	DELETE FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM LOCAL TAAS SYSTEM	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	373
			3.7.1.2.1.2.2-88	b. Drop Flight Plan Internal: Flight Identification,	373
			3.7.1.2.1.2.2- <b>0</b> 9	b. Drop Flight Plan Internal: This message shall be used to delete all flight data for an IFR or VFR flight plan from the internal ACCC but will not transmit this delete to any other facility.	374
			48.3.7.1.2.1.2-88	CONTROLLER INPUT LANGUAGE PROCESSING	783
			48.3.7.1.2.1.2-87	c. For Flight Datu Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Deleta Route, and Repetitive Route Amendment.	784
	A1.2.1.1	DETECT AIRCRAFT CONFLICT ALERT INDICATION	3.7.1.1.3.5.1-86	CONFLICT ALERT	294
			3.7.1.1.3.5.1-22	The ACCC shall initiate alerts to appropriate control positions and alert subsequent processing functions when current or predicted conflicts are detected.	295

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1.2.1.1	DETECT AIRCRAFT CONFLICT ALERT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
cont d)	INDICATION			
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7.1.2.1.1.1.3-48	bd. The conflict alert indicator shall denote when a conflict alert has been calculated for an aircraft.	33
		3.7.1.2.1.1.1.3-58	cb. The following emergency and alert conditions shall be coded in the FDB: Conflict Alert.	33
		3.7.1.2.1.1.1.3-75	de. Some of the conditions that shall result in display of a FDB for a track ara: Aircraft is in conflict with another track that is being presented in Full Data Block format at this sector.	33
		3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	34
		3.7.1.2.1.1.2.1-19	b. The following FDEN categories shall be provided: FÜENs shall uniquely denote conflict alert and minimum safe altitude warning.	3.
		3.7.1.2.1.1.2.1-20	<ul> <li>b. These FDENs shall be automotically generated and displayed.</li> </ul>	3
	·	40.3.7.1.1.3.4-01 o. The TAAS shall aid detection of short-ter roraft-track separatio	SEPARATION ASSURANCE CAPABILITY	1 7
			a. The TAAS shall aid controllers: In the detection of short-term aircraft-track-to-aircraft-track separation violations when at least one of the two aircraft is controlled.	7
		40.3.7.1.1.3.4.1-00	CONFLICT ALERY	;
		40.3.7.1.1.3.4.1-01	The requirements of Section 3.7.1.1.3.5.1 shall apply to TAAS except that the capability for group suppression shall not be applicable.	7
		48.3.7.1.2.1.1.1-88	SITUATION DISPLAY	
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Canflict Resolution and MSAN Advisories. Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	
		48.3.7.1.2.1.1.2.1-88	FLIGHT DATA FIELDS	Ì
		48.3.7.1.2.1.1.2.1-82	b. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: FDENs associated with priority and advisory alerts (3.7.1.2.1.1.2.1 item c) do not apply to TAAS.	

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	257-27 1100 17 2015 127 1150		ALCUT AND DECOLUTION DISCUAL	707
A1.2.1.1 (cont'd)	DETECT AIRCRAFT CONFLICT ALERT INDICATION	40.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	782
		40.3.7.1.2.1.1.3-02	Conflict Alerts and Minimum Safe Altitude Varnings shall be displayed in the Alert and Resolution Display in a list with the callsign, alert type and condition.	782
		48.3.7.1.2.1.1.3-04	In addition to the Alert Display, these alerts may be shown on the Situation Display.	782
A1.2.1.5	FORWARD NOTICE OF AIRCRAFT CONFLICT TO SUPERVISOR	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.2.1.7	REVIEW POTENTIAL CONFLICT SITUATION FOR RESOLUTION	48.3.7.1.2.1.1.1-68	SITUATION DISPLAY	779
		45.3.7.1.2.1.1.2-65	FLIGHT DATA DISPLAY	779
		48.3.7.1.2.1.1.3-68	ALERT AND RESOLUTION DISPLAY	782
		46.3.7.1.2.1.1.3-61	This logical display shall contain information on alert conditions detected by the TAAS or input by a controller.	762
		48.3.7.1.2.1.1.3-82	Conflict Alerts and Minimum Safe Altitude Harnings shall be displayed in the Alert and Resolution Display in a list with the collsign, alert type and condition.	783
		48.3.7.1.2.1.1.3-83	The alert entries in the list shall remain displayed until the alert condition no longer exists or the controller suppresses the alert from the display.	782
		48,3,7.1,2,1.1,3~84	In addition to the Alert Display, these alerts may be shown on the Situation Display.	78.
A1.2.1.8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRCRAFT CONFLICT SITUATION	40.3.7.1.2.1.1.1-86	SITUATION DISPLAY	77!
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77:
		48.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	78
A1.2.1.9	PERCEIVE POTENTIAL AIRCRAFT CONFLICT SITUATION	48.3.7.1.2.1.1.1-05	SITUATION DISPLAY	77
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Task Number	Task Statement	Poragraph Number	Requirement	Pag No
1.2.1.9 cont'd)	PERCEIVE POTENTIAL AIRCRAFT	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
1.2.2.1	DETECT MSAW INDICATION OR ALARM	3,7.1.1.3.5.2-00	MINIMUM SAFE ALTITUDE WARNING	29
		3.7.1.1.3.5.2-01	The ACCC shall provide the capability of detecting conflicts between an aircraft's prajected flight path and the location of adapted airspace regions.	29
		3.7.1.1.3.5.2-04	Upon detection of current or imminent violations of such airspace regions within the look-ahead time period, aural and visual alerts shall be provided to the appropriate control room personnel.	25
		3.7.1.1.3.5.2-17	The ACCC shall initiate alerts to appropriate control positions and alert subsequent processing functions when current or predicted conflicts are detected.	2
		3.7.1.2.1.1.1-00	SITUATION DISPLAY	3
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	
		3.7.1.2.1.1.1.3-49	be. The minimum safe altitude warning indicator shall demute when an MCAW ulert has been calculated for an aircraft.	
		5 7,1.2 1.1.1.3-59	cc. The following emergency and alert conditions shall be coded in the FDB: Minimum Safe Altitude Warning.	
		5.7 1.2 1 1,2,1-60	FLIGHT DATA FIELDS	
		5.7 1.2 1.1.2,1-19	b. The following FDEN categories shall be provided: FDENs shall uniquely denote conflict alert and minimum safe altitude warning.	
		5 7.1 2 1 7.2.1-28	<ul> <li>b. These FDENs shall be automatically generated and displayed.</li> </ul>	
		48.3 7.1.1.3.4-66	SEPARATION ASSURANCE CAPABILITY	
	ensuring th controlled	b. The TAAS shall aid controllers: In ensuring that Mode C transponder-equipped controlled aircraft avoid adapted cirspace and terrain volumes.		
		40.5.7.1.1.3.4.2-66	MINIMUM SAFE ALTITUDE WARNING	
		48.3.7.1 1 3.4.2-81	The requirements of Section 3.7.1.1.3.5.2 shall apply to TAAS except that the term conflict only applies to an aircraft flying in too close proximity with terrain or other physical obstacles.	
		40.3.7.1.2.1,1.1-00	SITUATION DISPLAY	

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	A1.2.2.1 (cont'd)	DETECT MSAW INDICATION OR ALARM	40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.7.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RLP, Conflict Resolution and MSAN Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
			48.3.7.1.2.1.1.2.1-88	FLIGHT DATA FIELDS	781
			40.3.7.1.2.1.1.2.1-02	b. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: FDENs associated with priority and advisory alerts (3.7.1.2.1.1.2. 1 item c) do not apply to TAAS.	781
			40.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	782
			£Ø.3.7.1.2.1.1.3-02	Conflict Alerts and Minimum Safe Altitude Warnings shall be displayed in the Alert and Resolution Display in a list with the callsign, alert type and condition.	782
			48.3.7.1.2.1.1.3-04	In addition to the Alert Display, these alerts may be shown on the Situation Display.	762
	A1.2.2.2	FORWARD MOTICE OF VALID MSAW OR FLIGHT ASSIST TO SUPERVISOR	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
			3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic medic.	299
			48.3.7.1.1.3.7.1-88	ATC MAIL PROCESSING	776
			48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
	A1.2.2.5	PERCEIVE POTENTIAL LOW ALTITUME SITUATION	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
			3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
			5.7.1.2.1.1.1.2-05	These categories: "Al include, but not be limited to, several groups of fixes, several groups of airways sector boundaries grouped by a citude, special use airspace boundaries, airports, obstructions, fixes, minimum vector altitudes (MVA), military routes, holding pattern (See SLS).	524
			40.3.7.1.2.1.1 1-00	SITUATION DIST IN	779
De.			40.3.7.1.2 1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subcrdinate sections shall apply to TAAS except that Graphic Waather from RFT Conflict Resolution and MSAW Advisories. Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
			40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	775

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V3x None	TOSK Statement	Tal agray/Trainbel	Nega Falland	-
.2.2.7	DETERMINE APPROPRIATE ACTION TO RESOLVE LOW ALTITUDE SITUATION	40.3.7.1.2.1.1.1-00	SITUATION GISPLAY	77
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	7
		40.5.7 1.2.1.1.3-00	ALERY AND RESOLUTION DISPLAY	7
.2.3.1	INFORM CONTROLLER OF POTENTIAL AIRSPACE CONFLICT IN HIS SECTOR	5.7.1.1.3.7.1-d8	ATC MAIL MESSAGE PROCESSING	2
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic madia	2
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	;
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7 1 1.3 7.1 shall apply to TAAS.	]
2.2.3.3	REQUEST RELEASE OF SPECIAL USE ATRSPACE	3.7.1.1.3.7.1-60	ATC MAIL MESSAGE PROCESSING	
		<b>5</b> 7.1.1. <b>3</b> .7.1-91	The ACCC shall provide the capability to communicate via electronic mediu.	
		46.3.7.1.1.3 7.1-08	ATC MAIL PROCESSING	
		40.3.7.1 1.3 7.1-01	The requirements of Section 3.2.1 1.3 7.1 shall apply to TAAS	
1.2 3 4	RECEIVE DENIAL OF USE OF SPECIAL USE AIRSPACE	3.7.1.1.3.7.1-0E	ATC MAIL MESSAUE PROCESSING	
		3.7.1.1 3.7.1-61	The ACCC shall provide the capability to communicate via electronic media	
		48 3.2 1.1.5.2 1 88	ATC MAIL PROCESSING	
		40.3 7.1.1.3 7.1-01	The requirements of Section 3.7.1.1.5.7.1 shall apply to TAAS.	
1,2.3.5	RECEIVE APPROVAL FOR USE OF SPECIAL USE ATROPACE	5 7,1,1,3 7,1-88	ATC MAIL MESSAGE PROCESSING	
		3.7.1. ( 3.7 1 61	The ACCC shall provide the capability to communicate via electronic media	
		40 3.7.1.1 3 7.1 00	ATC MAIL PROCESSING	
		40 3 7.1 1.3 / 1 01	The requirements of Seculon 3.7.1.1.3.7.1 shall apply to TAAS.	
1.2 3 7	PERCEIVE POTENTIAL AIRSPACE CONFLICT STOATEON	3.7,1,2.1,1.1-60	STITUATION DISPLAY	
		3.7.1 2.1.1.1.2-20	SCOGRAPHIC MAP DATA	

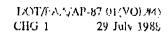
Tosk Number	Task Statement	Paragruph Number	Requirement	Page No.
TOSK NUMBER	Tusk Statement	raragraph Name	Requir enemic	110.
A1.2.3.7 (cont'd)	PERCEIVE POTENTIAL AIRSPACE CONFLICT SITUATION	48.3.7.1.2.1.1.1·ℓØ	SITUATION DISPLAY	779
		<b>46.3</b> .7.1.2.1.1.1-₫1	The requirements of Section 3.7.1.2.1.1.1 and suburdinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories. Route Display, and Flight Flan Conflict/Trial Plan Display are not required.	779
		4๖.3.7.i.2.1.1.2-ชัย	FLIGHT DATA DISPLAY	775
A1.2.3.8	DETERMINE APPROPRIATE ACTION TO RESOLVE AIRSPACE CONFLICT SITUATION	40.3.7.1.2.1.1.1- <b>FB</b>	SITUATION DISPLAY	779
		48,3.7,1,2.1.1.2-08	FLIGHT DATA DISPLAY	775
<b>1</b>		46.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	78:
A1.2.4.1	OBSERVE DISPLAY FOR FIXED OBSTRUCTIONS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT	5.7.1.2.1.1.1-ศย	SITUATION DISPLAY	32.
		3.7.1.2.1.1.1.2-88	GEOGRAPHIC MAP DATA	32
		3.7.1.2.1.1.1.3 00	TARGET AND TRACK DATA AND SYMBULOGY	33
		48.3.7.1.2.1.1.1-88	SITUATION DISPLAY	77
		48.3.7.1.2.1.1.1-61	The requirements of Saction 3.7.1.2.1.1.1 and subordinate servions shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories. Poutr Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
		48.3.7.1.2.1.1.2-88	FLIGHT DATA DISPLAY	77
A1.2.4.4	DETECT AIRCRAFT MANEUVER IN RESPONSE TO ADVISORY/ ALERY	3.7,1.2.1.1,1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		40.3.7.1.2.1.1.1.00	SITUATION DISPLAY	77
		40.3.7.1.2.5.1.1-€1	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAMS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
A1.2,4,13	OBSERVE DISPLAY FOR NON-CONTROLLED ATREAMNE OBJECTS THAT MAY INTERFERE WITH ATREAGET FLIGHT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	33

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41.2.4.13 (cont 'd)	GBSERVE DISPLAY FOR MON-CONTROLLED AIRBORNE OBJECTS THAT MAY INTERFERE WITH AIRCRAFT FLIGHT	3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	320
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordincte sections shall apply to YAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	770
1.2.5.2	SUPPRESS CONFLICT ALERT FOR PAIRED AIRCRAFT	3.7.1,1,3.5.1-00	CONFLICT ALERT	29/
		3.7.1.1.3.5.1-21	The ACCC shall also provide the capability to inhibit Conflict Alert generation for aircraft operating in adapted airspace volumes and for selected aircraft pairs and groups.	29:
	5.7.1.2.1.2.1-89	TRACK CONTROL	36	
		5.7.1.2.1.2.1-21	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: Flight Identification (Aircraft 1), Flight Identification (Aircraft 2), (Suppress/Restore Resolution Advisory (all displays)).	36
		3.7.1.2.1.2.1-22	1. Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory: This message shall be used to suppress/restore the display of conflict alert and conflict resolution information after it is forced at a sector by the Conflict Alert and Conflict Resolution Advisory functions.	36
		48.3,7.1 1.3.4,1 Ø6	CXWFLICT ALERT	77
		48.3.7.1 1.3.4.1-81	The requirements of Section 3.7.1.1.3.5.1 shall apply to TAAS except that the capability for group suppression shall not be apolicable.	77
		40.3.7.1.2.1.1.5-00 40.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	70
			The alert entries in the list shall remain displayed until the alert condition no longer exists or the controller suppresses the alert from the display.	78
		40.3.7.1.2.1.2-86	CONTROLLER INPUT LANGUAGE PROCESSING	7

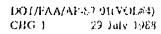
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Task Number	Task Statement	Paragruph Number	Requirement	No.
A1.2.5.2 (cont'd)	SUPPRESS CONFLICT ALERT FOR PAIRED AIRCRAFT	40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automotic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Range/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
		40.3.7.1.2.1.2-03	b. The use of the conflict resolution advisory portion of a Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory message or a Suppress/Restore MSAN Alert/Conflict Resolution Advisory message to suppress or restore conflict resolution advisories shall not apply to TAAS.	784
A1.2.5.5	SUPPRESS MSAN FUNCTION FOR AN AIRCRAFT	3.7.1.1.3.5.2-00	MINIMUM SAFE ALTITUDE WARNING	295
		3.7.1.1.3.5.2-16	The ACCC shall provide the capability of inhibiting MSAN alerts for selected aircraft and aircraft operating in selected airspace.	296
		3.7.1.2 1.2.1-00	TRACK CONTROL	368
		3.7.1.2.1.2.1-32	ja. Suppress/Restore MSAW Alent/Conflict Resolution Advisory: Flight Identification, (Suppress Alent Indicator), (Suppress Resolution Advisory (all displays)), (Facility).	370
		3.7.1.2.1.2.1-33	ja. Suppress/Restore MSAW Alt/Conflict Resolution Advisory: This message stall be used to suppress/restore the display of MSAW alerts and MSAW resolution for a single aircraft either for that particular sector or the entire racility after display of that information has been (See SLS).	376
		40.3.7.1.1.3.4.2-00	MINIMUM SAFE ALTITULE HARNING	775
		4Ø.3.7.1.1.3.4.2-Ø1	The requirements of Section 3.7.1.1.3.5.2 shall apply to TAAS except that the term conflict only applies to an algorith flying in too close proximity with termain or other physical obstacles.	77:
		4vl.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	78
		40.3.7 1.2.1.1.3-05	The alert entries in the list shall remain displayed until the alert condition no langer exists or the controller suppresses the alert from the display.	78:
		4C.3.7.1.2.7.2-dØ	CONTROLLER IMPUT LANGUAGE PROCESSING	78.
		40.3.7.1.2.1.2-02	b. For track control messages all missages except Inhibit/Restore Aucomotic Pointout, Group Supression, Vartical Valocity Feedout, Flight Plan Extrapolation, Fix/Yima Readout, Range/Bearing/Fix Readout, Continuous Runge Readout, and Radar Contact shall be processed.	78

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	SUPPRESS MSAW FUNCTION FOR AN AIRCRAFT	48.3.7.1.2.1.2-03	b. The use of the conflict resolution advisory portion of a Suppress/Restore Conflict Alert Pair/Conflict Resolution Advisory message or a Suppress/Restore MSAN Alert/Conflict Resolution Advisory message to suppress or restore conflict resolution advisories shall not apply to TAAS.	784
41.2.5.75	DETERMINE VALIDITY/ APPROPRIATENESS OF DISPLAY OF AN ALERT	40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.2-60	FLIGHT DATA DISPLAY	779
		48.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	782
A1.2.5.76	RESTORE SPECIFIC ALERT FUNCTION TO NORMAL	3,7.1.2.1.2.1~88	TRACK CONTROL	368
		3.7.1.2.1.2.i-21	i. Suppress/Restore Conflict Alert  Pair/Conflict Resolution Advisory: Flight Identification (Aircraft 1), Flight Identification (Aircraft 2), (Suppress/Restore Resolution Advisory (all displays)).	369
		3.7.1.2.1.2.1-22	i. Suppress/Restore Conflict Alert Pair/Conflict Resolution Addisory: This message shall be used to suppress/restore the display of conflict alert and conflict resolution information after it is forced at a sector by the Conflict Alert and Conflict Resolution Advisory functions.	369
		3.7.1.2.1.2.1-32	ja. Suppress/Restor# MSAW Alert/Conflict Resolution Advisory: Flight Identification, (Suppress Alert Indicator), (Suppress Resolution Advisory (all displays)), (Facility).	379
		3.7.1.2.1.2.1-33	ja. Suppress/Restore MSAW Alert/Conflict Resolution Advisory: This message shall be used to suppress/restore the display of MSAW alerts and MSAW resolution for a single arrosoft either for that particular sector or the entire facility after display of that information has been (See SLS).	371
		40.3./.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78
		40.3.7.1.2.1.2-22	b. For truck control messages all messages except Inhibit/Restore Automatic Pulntout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing/Fix Reudout, Continuous Range Readout, and Radar Contact shall be processed	78
		48.3.7.1.2.1.2-85	b. The use of the conflict resolution advisory portion of a Suppress/Restora Conflict Alart Puir/Conflict Resolution Advisory message or a Suppress/Restore MSAW Alert/Conflict Resolution Advisory message to suppress or restore conflict resolution advisorles shall not apply to TAAS.	7.6

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A1,3,1,1	EVALUATE TRAFFIC MANAGEMENT CONSTRAINTS FOR EFFECT ON TRAFFIC FLOW	40.3.7.1.1.3.7.1-e9	ATC MAIL PROCESSING	7.29
		48.5.7.1.2.1.1.1~ยต	SITUATTON DISPLAY	779
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
		40.3.7.1.2.1.1.4-00	SPECIAL LISTS	782
A1.3.1.2	CHOOSE OPTION TO BRING AIRCRAFT INTO CONFORMANCE WITH TRAFFIC MANAGEMENT RESTRICTIONS	40.3.7.1.2.1.1.1-00	SIFUATION DISPLAY	773
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
A1. <b>3</b> .1.6	RECEIVE TRAFFIC MANAGEMENT RESTRICTION	3.7.1.1,3.7.1-00	ATC MAIL MESSAGE FROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	295
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	779
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
<b>\$1.3.1.8</b>	RECEIVE SUPERVISOR NOTICE TO HOLD/ RERGUTE TRAFFIC CLEAR OF CONTINGENCY	3.7.1.1.3.7.1⊹00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-ฮ1	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1- *9	ATC MAIL PROCESSING	771
		40.3.7.1.1.3.7.1-61	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	777
A7.3.1.9	REQUEST EXCEPTION TO TRAFFIC MANAGEMENT RESTRICTION	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-0:	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3./.1.1.5.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TWAS.	77
A1.3,1.10	REVIEW TRAFFIC DEMANDS AND TRAFFIC MANAGEMENT RESTRICTIONS WITH SUPERVISOR	3.7.1 1.3.7.1-68	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capuallity to communicate via electronic medic.	29



Task Number	Task Statement	Paragraph Number	Requirement	i`age No.	
21 3.1.15 (contid)	REVIEW TRAFFIC DEMANDS AND TRAFFIC MANAGEMENT RESTRICTIONS WITH SUPERVISOR	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776	•
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776	
		48.3.7.1.2.1.1.1~#8	SITUATION DISPLAY	779	
		4 <b>0.3.</b> 7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779	
A1.3.1.13	RECEIVE APPROVAL OF REQUEST FOR EXCEPTION TO FLOW RESTRICTION	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299	
		44.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776	
	] } }	40.3.7.1.7.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776	
A1.3.1.14	RECEIVE DENIAL OF REQUEST FOR EXCEPTION TO FLOW RESTRICTION	3.7.1.1.3.7.1-Øñ	ATC MAIL MESSAGE PROCESSING	299	,
		3.7.1.7.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299	
		40.3.7.1.1.3.7.1-00	AFC MAIL PROCESSING	770	;
		40.3.7.1.1.3.7.1-81	Tha requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77(	ŝ
A1.3.1.75	REQUEST TRAFFIC MANAGEMENT ADVISORIES	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29	3
		3,7,1,1,3,7,1-01	The ACCC shall provide the capability to communicate via electronic media.	29	9
		46.3.2.1.1.3.7.1-88	ATC MAIL PROCESSING	77	5
		40.3.2.1.1.3.7.1-01	The requirements of Section 3.7.1.3.3.7.1 shall apply to TMAS.	77	6
<i>қ</i> 1. <b>3.2.</b> 3	PERCLIVE AN AUTITUDE OF ROUTE DEVIATION	3.7.1.2. ( 1.1-90	SITUATION GIGPLAY	32	3
		3.7.1.2.1.1.1.3-92	TARGET AND TRACK DATA AND SYMBOLUCY	33	ø
		39.3.7.1.2.1.1.1-86	SITUATION DISPLAY	77	9
	E. C. C. C. C. C. C. C. C. C. C. C. C. C.				4



Task Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.3.2.1 (cont'd)	PERCEIVE AN ALTITUCE OR ROUTE DEVIATION	40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Pian Conflict/Trial Plan Display are not required.	779
		48.3.7.1.2.1.1.2-# <b>0</b>	FLIGHT DATA DISPLAY	779
A1.3.2.2	OBSERVE AIRCRAFT RESUMING NORMAL FLIGHT PLAN	3.7.1.2.1.1.1-0E	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
		3.7.1,2.1,1,1,3-08	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7. i.2.1.1.1.3-17	The controller shall be able to select and deselect the display of each category of target or track data and up to five previous positions of history data.	331
		3.7.1.2.1.1.1.3-86	Movement of the displayed data block shall be minimal on a scan-to-scan basis.	335
		3.7.1.2.1.1.1.4-00	TRACK VECTOR	336
		3.7.1.2.1.1.1.4-01	The Situation Display shall contain a velocity/distance vector associated with each track.	336
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	775
		48.3.7.1.2.1.1.1-91	The requirements of Section 3.7.1.2.1.1.1 ond subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
A1.3.2.4	RECEIVE CONTROLLER NOTICE OF AIRCRAFT FLIGHT PLAN DEVIATION	3.7.1.1.3.7.1-86	ATC MAIL MESSAGE PROCESSING	29
		3.7 1.1.5.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-80	ATC NAIL PROCESSING	77
		48.3.7.1.1.3.7.1-0:	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS	77
A1.3.2.5	INFORM CUNTROLLER/ SUPERVISOR OF AIRCRAFT FLIGHT PLAN DEVIATION	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-61	The ACCC shall provide the capability to communicate via electronic media.	29:
		40.3.7.1.1.3.7.1-08	ATC MAIL PROCESSING	77

FORM CONTROLLER/ SUPERVISOR AIRCRAFT FLIGHT PLAN	40.3.7.1.1.3.7.1-01		
VIATION		The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
QUEST DISPLAY OF FOE FOR IGHT PLAN	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	373
	3.7.1.2.1.2.2-42	p. Request FDFs: (Sector Number and/or Facility), (Posting List Header), (Flight Identification(s)).	376
	3.7.1.2.1.2.2-43	p. Request FDEs: This message shall enable the controller to request one or more FDEs from another sector and/or facility to be displayed in the Flight Data Area at the requesting sector.	377
	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	775
	40.3.7.1.2.1.1.2-01	This logical display shall contain flight information for direraft under the control of the sector, those not yet under the control of the sector, and those of interest to the sector.	77!
	40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78
·	48.3.7.1.2.1.2- <del>8</del> 7	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages snall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	76
VALUATE FLIGHT DATA YO ETERMINE FUTURE COURSE OF CTION	3.7.1,2.1,1.2,1-00	FLIGHT DATA FIELDS	34
	3.7.1.2.1.1.2.1-83	Table 3.7-1 lists the Flight Plan Dota fields with the maximum number of characters in the field. (See SLS).	34
	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
40.3.7.1.2.1.1.2-01	40.3.7.1.2.1.1.2-01	This logical display shall contain flight information for aircraft under the control of the sector, those not yet under the control of the sector, and those of interest to the sector.	77
	40.3.7.1.2.1.1.2.1-ยัช	FLIGHT DATA FIELDS	78
	4Ø.3.7.1.2.1.1.2.1-Ø1	a. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Focility, Lateral Nonconformance Indicator, Matering/Traffic Munagement Advisory, and Matering/Traffic Management Advisory (See SLS).	76
I S	ALUATE FLIGHT DATA YO TERMINE FUTURE COURSE OF	3.7.1.2.1.2.2-42  3.7.1.2.1.2.2-43  40.3.7.1.2.1.1.2-00  40.3.7.1.2.1.1.2-01  40.3.7.1.2.1.2-07  ALUATE FLIGHT DATA YO TERMINE FUTURE COURSE OF TION  3.7.1.2.1.1.2.1-03  40.3.7.1.2.1.1.2-01  40.3.7.1.2.1.1.2-01	3.7.1.2.1.2.2-42  D. Request FUEs: (Sector Number and/or Focility), (Posting List Header), (Flight Identification(s)), (Flight Identification(

		T		Page
Task Number	Task Statement	Paragraph Number	Requirement	No.
A1.3.2.12	EVALUATE ALTITUDE NONCONFORMANCE INDICATION FOR ACTION NEEDED	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
	·	3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	336
	·	3.7.1.2.1.1,1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Tipe, Assigned Altitude or Interim (Sci SLS).	333
		3.7.1.2.1.1.1.3-66	cj. The following emergency and alert conditions shall be coded in the FDB: Altitude non-conformance.	334
		40.3.7.1.7.1.1-00	SITUATION DISPLAY	77
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
41.3.2.13	EVALUATE UNREASONABLE MODE C INDICATION FOR ACTION NEEDED	3.7.1.2.1.1,1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7.1.2.1.1,1.3-46	bb. Altitude nonconformunce indicator shall denote the status of a trocked dircraft's reported altitude in relation to its assigned altitude. In addition, it shall denote when Mode C fails Mode C reasonableness checks.	33
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		48.3.7.1.2.1.1.1-81	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	71
A1.3.2.14	DETECT UNREASONABLE MODE C INDICATION	3.7.1.2.1.1.1-90	SITUATION DISPLAY	3
·		3.7.1.2.1.1.1.3-80	TARGET AND TRACK DATA AND SYMBOLOGY	3
		3.7.1.2.1.1 1.3-46	bb. Altitude nonconformance indicator shall denote the status of a tracked aircraft's reported altitude in relation to its assigned altitude. In addition, it shall denote when Mode C fails Mode C reasonableness checks.	3

Task Number	Task Statement	Paragraph Number	Requirement	Page No
1.3.2.14 cont'd)	DETECT UNREASONABLE MODE C INDICATION	40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		40.3.7.1.2.1.1.!-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
1.3.2.75	DETECT ALTITUDE NONCONFORMANCE IND FION	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7.1.2.1.1.1.3-29	d. Track status shall be coded within the track position symbol, leader line, or FDB and shall denote when a track is in coast, hold, flight plan extrapolation, or out of association with its paired flight plan.	33
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Cailsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	33
		3.7.1.2.1.1.1.3-46	bb. Altitude nonconformance indicutor shall denote the status of a tracked aircraft's reported altitude in relation to its assigned altitude. In addition, it shall denote when Mode C fails Mode C reasonableness chacks.	3:
		3.7.1.2.1.1.1.3-66	cj. The following emergency and alert conditions shall be caded in the FDB: Altitude non-conformance.	3
		3.7.1.2.1.1.2.1-0H	FLIGHT DATA FIELDS	3
		3.7.1.2.1.1.2.1-03	Table 3.7-1 lists the Flight Plan Data fields with the maximum number of characters in the field. (See SLS).	3
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	7
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Grophic Weather from RLP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	7
		48.3.7.1.2.1.1.2.1-80	FLICHT DATA FIELDS	,

Task Number	Task Statement	Paragraph Number	Dogutossat	Page
1			Requirement	No.
	DETECT ALTITUDE NONCONFORMANCE INDICATION	40.3.7.1.2.1.1.2.1-01	a. The requirements of Section 3.7 1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	781
	INFORM CONTROLLER/ SUPERVISOR/ PILOT OF AIRSPACE RESTRICTION IMPOSED/ RELEASE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1,1.3,7.1-01	The ACCC shell provide the capability to communicate via electronic media.	299
		4ชี.3.7.1.น.3.7.1-ยัช	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.3.3.3	RECEIVE REQUEST FOR USE OF SPECIAL USE AIRSPACE FROM SUPERVISOR/ CONTROLLER/ PILOT	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-08	ATC MAIL PROCESSING	776
		48.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.3.3.5	OBSERVE DISPLAY OF AIRSPACE RESTRICTION STATUS CHANGE	3.7.1,2.1,1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-60	GEOGRAPHIC MAP DATA	323
		3.7.1.2.1.1.1.2-07	When the special use airspace becomes active, or at an adopted time prior to activation, the special use airspace boundary shall automatically be displayed and emphasized.	324
		3.7.1.2.1.1.1.2-08	The activation period, altitude limits, and controlling agency associated with the special use airspace shall be displayed in or near the displayed boundary.	324
		3.7.1.2.1.1.1.2-18	The special use airspace boundary shall remain emphasized until the controller takes a manual action to deemphasize it.	324
		3.7.1.2.1.1.1.2-11	At the expiration of the activator period or upon receipt of a deactivation message the special use airspace boundary shall continue to be presented until the controller takes a manual action to inhibit it from display.	324
		3.7.1.2.1.1.8-00	SYSTEM STATUS DATA DISPLAY	35:

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OBSERVE DISPLAY OF AIRSPACE RESTRICTION STATUS CHANGE	3.7.1.2.1.1.8-82	The following data categories shall be included: Communication Channel Assignments, Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radar Equipment Outages and Repair Schedule, NAVAID Outages and Repair Schedule, NAVAID Maintenance Schedule, Sectorization Plan (See SLS).	359
	3.7.1.2.1.1.8-04	All displayed information shall be updated automatically when changes are reported.	359
	3.7.1.2.1.1.8-05	As established through adaptation, selected items shall be emphasized to indicate that an automotic update has occurred on the display.	359
	40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
	48.3.7.1.2.1.1.1-81	The requirements of Section 3.7.1.2.1.1.1 ond subord'note sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisorics. Poute Display, and Flight Plan Conflict/Trial Plan Display are not required.	773
	40.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	783
	s o c	The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-detected failures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS).	783
RECEIVE NOTICE OF AIRSPACE RESTRICTION/ RELEASE	3,7.1.1.3.7.1-00	ATC MAIL MLSSAGE PROCESSING	299
	3.7 1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
	40.3.7.1.1.3.7.1-90	ATC MAIL PROCESSING	771
	40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.5.7.1 shall apply to TAAS.	77
DETERMINE DESCENT TIME OR POINT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
	3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP CATA	32
	40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
	40.3.7.1.2 1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
	DESERVE DISPLAY OF AIRSPACE RESTRICTION STATUS CHANGE  RECEIVE NOTICE OF AIRSPACE RESTRICTION/ RELEASE	OBSERVE DISPLAY OF AIRSPACE RESTRICTION STATUS CHANGE  5.7.1.2.1.1.8-84  3.7.1.2.1.1.8-85  48.3.7.1.2.1.1.1-80  48.3.7.1.2.1.1.7-81  RECEIVE NOTICE OF AIRSPACE RESTRICTION/ RELEASE  3.7.1.3.7.1-80  48.3.7.1.1.3.7.1-80  48.3.7.1.1.3.7.1-81  OETERMINE DESCENT TIME OR POINT  3.7.1.2.1.1.1-80  48.3.7.1.2.1.1.1-80  3.7.1.2.1.1.1-80  3.7.1.2.1.1.1-80	DISERVE DISPLAY OF AIRSPACE RESTRICTION STATUS CHANGE  5.7.1.2.1.1.8-92  The following data categories shall be included Communication Channel Assignments, and Repair Schedule, Navalio Maintenance Maintenance Mainten

Task Number	Task Statemeni;	Paragraph Number	Requirement	Page No.
A1.3.4.1 (cont'd)	DETERMINE DESCENT TIME OR POINT	40.3.7.1.2 1.1.4-00	SPECIAL LISTS	78:
A1.3.4.4	REQUEST AIRCRAFT BE REROUTED	3.7.1.1.3.7.1~08	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1~01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.3.4.5	PROJECT MENTALLY THE RANGE/ BEARING BETWEEN AIRCRAFT	40.3.7.1.2.1.1.1-00	SIYUATION DISPLAY	77
A1.3.5.1	VALIDATE MODE C ALTITUDE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adoptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Hundoff Status/Indicator, Aircraft Type, Assigned Astitude or Interim (See SLS).	33
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	7
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinote sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	7
A1. <b>3.</b> 5.2	ENTER REPORTED ALTITUDE	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	3
		3.7.1.2.1.2.2-24	h. Reported Altitude: Flight Identification, Altitude(s), (Indicator denoting Report Reaching), (Indicator denoting Report Leaving), (Indicator denoting that reported altitude is other than assigned altitude).	3
		3.7.1.2.1.2.2-25	h. Reported Altitude: This message shall be used to enter, modify, or delete a reported altitude.	3
		3.7.1.2.1.2.2-26	h. Reported Altitude: In addition, the option shall be provided to denote that the reported altitude is a report reaching, a report leaving, or other than assigned altitude.	3
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	7

Tusk Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.3.5.2 (cont'd)	ENTER REPORTED ALTITUDE	40.3.7.1.2.1.2-07	c. For Flight Data Chonges (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver. Create/Delete Route, and Repetitive Route Amendment.	784
A1.3.5.3	RECEIVE NOTICE OF MISSED APPROACH	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.7.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33Ø
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FUB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	352
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	775
A1.3.6.1	OBSERVE AIRSPACE INTRUSION BY A NON-CONTROLLED OBJECT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
A1.3.6.2	ENTER CONTROLLER NOTE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.14-00	GEOGRAPHIC TAGGING	33
		3.7.1.2.1.1.1.14-02	The capability shall be provided for the controller to enter a string of alphanumerics starting at any geographic point designated by the CPSD or controller entered fix.	33
		3.7.1.2.1.1.18-00	CONTROLLER NOTEPAD DISPLAY	36
		3.7.1.2.1.1.18-01	The logical display shall contain controller-entered free-form text notes which have no 'semantic level' meaning to the system, but rather ore treated as a string of undifferentiated characters.	36

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TOSK NUMBER	Task Statement	Paragraph Number	Requirement	N
1 3.6.2 cont'd)	ENTER CONTROLLER NOTE	48.3.7.1.2.1.1.1-89	SITUATION DISPLAY	,
cont d)		áni.3.7.1.2.1.1.1-Ø1	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Waather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	7
		48.3.7.1.2.1.1.11-88	CONTROLLER NOTEPAD DISPLAY	7
		48.3.7.1.2.1.1.11-81	The requirements of Section 3.7.1.2.1.1.18 shall apply to TAAS.	7
1.3.6.3	FLIGHT-FOLLOW AN OBSERVED NON-CONTROLLED OBJECT	3.7.1.1.3.2.2-00	TRACK INITIATION	1
		3.7.1.1.3.2.2-45	The ACCC shall provide the capability of manually initiating a track through controller input even if the reports associated with the target to be tracked consist entirely of primary (search) reports.	
		3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	
		3.7.1.2.1.2.1-00	TRACK CONTROL	
		3.7.1.2.1.2.1-05	b. Track: Flight Identification, Track Action (Coast, Start, Drop, etc.). (Track Start Position), (Speed). (Heading), (Assigned Altitude).	
		5.7.1.2.1.2.1-86	b. Track: This message shall be used to change the tracking status of an aircraft.	
		3.7.1.2.1.2.1-07	b. Track: The Track message shall be designed to anable the controller to modify the tracking function for a particular aircraft.	
		48.3.7.1.1.3.2-05	AUTOMATIC TRACKING CAPABILITY	
		48.3.7.1.1.3.2-81	The requirements of Section 3.7.1.1.3.2 and subordinate sections shall apply to the TAAS with the following exceptions.	
		40.3.7.1.2.1.1.7-00	SITUATION DISPLAY	
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict kas lution and MSAW Advisories, Route Displa, and Flight Plan Conflict/Irial Plan Display are not required.	
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	

	FLIGHT-FULLOW AN OBSERVED NON-CONTROLLED OBJECT	40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression. Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Recdout, Range/Bearing Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
	FORWARD NOTICE OF AIRSPACE INTRUSION BY A NON-CONTROLLED OBJECT	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1,1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	778
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
1	RECEIVE NOTICE OF AIRSPACE INTRUSION BY A NON-CONTROLLED OBJECT	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1,3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
	·	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-81	The requirements of Section 3.7,1.1.3.7.1 shall apply to TAAS.	776
	RECEIVE CONTROLLER/ SUPERVISOR REQUEST FOR TEMPORARY USE OF AIRSPACE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.3.7.2	FORWARD APPROVAL FOR TEMPGRARY USE OF AIRSPACE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3,7.1.1,3.7.1~01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.3.7.3	FORWARD DENIAL OF TEMPORARY USE OF AIRSPACE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29

= ,'	Task t	o Requirement Tracea	bility Matrix	
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A1.3.7.3 (cont'd)	FORWARD DENIAL OF TEMPORARY USE OF AIRSPACE	3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.3.7.4	SUPPRESS MAP ASSOCIATED WITH TEMPORARY USE OF AIRSPACE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
		3,7,1,2,1,1,1,2-02	Map data shall be divided into many categories.	324
		3.7.1.2.1.1.1.2-03	These categories shall include, but not be limited to, several groups of fixes, several groups of airways, sector boundaries grouped by altitude, special use airspace boundaries, airports, obstructions, fixes, minimum vector altitudes (MVA), military routes, holding pattern (See SLS).	324
		3.7.1.2.1.1.1.2-04	Each category shall be independently selectable for display by the controller.	324
		3.7.1.2.1.1.1.2 #6	The controller shail be able to select/deselect a special use airspace boundary for display on an area-by-area basis.	324
		3.7.1.2.1.1.1.2-11	At the expiration of the activaton period or upon receipt of a deactivation message the special use airspace boundary shall continue to be presented until the controller takes a manual action to inhibit it from displey.	324
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Pian Display are not required.	779
A1.3.7.6	SELECT MAP DISPLAY OF ADAPTED AIRSPACE REQUESTED FOR USE BY ANOTHER CONTROLLER	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
		3.7.1.2.1.1.1.2-01	The Situation Display shall contain geographic map data set in adaptation.	323
		5.7.1.2.1.1.1.2-02	Map data shall be divided into many cutegories.	324

Task Number	Task Statement	Paragraph Number	Requirement	Page No
A1.3.7.6 (cont'd)	SELECT MAP DISPLAY OF ADAPTED AIRSPACE REQUESTED FOR USE BY ANOTHER CONTROLLER	3.7.1.2.1.1.1.2-03	These categories shall include, but not be limited to, several groups of fixes, several groups of airways, sector boundaries grouped by altitude, special use airspace boundaries, airports, obstructions, fixes, minimum vector altitudes (MVA), military routes, holding pattern (See SLS).	32
		3.7.1.2.1.1.1.2-04	Each category shall be independently selectable for display by the controller.	32
		3.7.1.2.1.1.1.2-06	The controller shall be able to select/deselect a special use airspace boundary for display on an area-by-area basis.	32
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
	40.3.7.1.2.1.1.1-01	40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Grophic Weather from RWP. Conflict Resolution and MSAW Advisories. Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
A1.3.7.7	EVALUATE FEASIBILITY OF RELEASING AIRSPACE TEMPORARILY	3.7.1.2.1.1.1-00	SITUATION DISPLAY	3
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	3
		3.7.1.2.1.1.1.3-44	The information conveyed in the fra position symbol and FDB shall be use from the following set of data: Caran, Mode C Altitude or Pilot Reported Altitude, Handaff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	3
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	,
		48.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 ond subordinate sections shall apply to AAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	7
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	7
		40.5.7.1.2.1.1.2-01	This logical display shall contain flight information for direcraft under the control of the sector, those not yet under the control of the sector, and those of interest to the sector.	;
A1.3.7.8	RECEIVE NOTIFICATION OF RETURN OF RELEASED AIRSPACE	3.7.1.1.5.7.1-00	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	

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Task Number	Task Statement	Paragraph Number	Requirement	No.
A1.3.7.8 (cont'd)	RECEIVE NOTIFICATION OF RETURN OF RELEASED AIRSPACE	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.3.8.1	REQUEST TEMPORARY USE OF AIRSPACE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29:
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	771
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.3.8.2	RECEIVE RELEASE/ USE OF AIRSPACE	3.7.1.1.3,7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.3.8.3	RECEIVE REJECTION OF USE OF AIRSPACE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	25
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	25
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	7:
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7
A1.3.8.4	FORWARD NOTICE OF RETURN OF RELEASED AIRSPACE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	7
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7
A1.4.1.1	RECEIVE CONTROLLER NOTICE ON REQUESTED CLEARANCE OF AIRCRAFT LEAVING HIS SECTOR	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	;
		3.7.1.17.1-01	The ACCC shall provide the capability to communicate via electronic media.	:
		3.7.1.17.1-01		

lask Number	Task Statement	Paragroph Number	Requirement	Page No.
A1.4.1.1 (cont'd)	RECEIVE CONTROLLER NOTICE ON REQUESTED CLEARANCE OF AIRCRAFT LEAVING HIS SECTOR	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3 7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
41,4.1.2	RECEIVE CLEARANCE REQUEST FROM ATCT/ FSS/ PILOT/ SUPERVISOR	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
11.4.1.3	RECEIVE CONTROLLER REQUEST FOR CLEARANCE/ APPROVAL	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.1.4	FORWARD CLEARANCE REQUEST TO ANOTHER CONTROLLER	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1,3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7?
A1.4.1.5	REQUEST CLEARANCE/ APPROVAL .P.OM ANOTHER CONTROLLER	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	25
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7:
A1.4.1.6	RECEIVE CLEARANCE APPROVAL/ CLEARANCE RESTRICTIONS FROM ANOTHER CONTROLLER	3,7.1,1.3,7.1-00	ATC MAIL MESSAGE PROCESSING	2:
		3,7.i,1.3,7.1-Ø1	The ACCC shall provide the capability to communicate via electronic media.	2:

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A1.4.1.6 (cont'd)	RECEIVE CLEARANCE APPROVAL/ CLEARANCE RESTRICTIONS FROM ANOTHER CONTROLLER	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.1.7	RECEIVE CLEARANCE DISAPPROVAL/ DENIAL FROM ANOTHER CONTROLLER	3.7.1,1.3.7.1-90	ATC MAIL MESSAGE PRUCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.1.8	RECEIVE ALTERNATE SUGGESTION FOR CLEARANCE/ APPROVAL REQUESTED OF ANOTHER CONTROLLER	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		49.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.1.18	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE	3.7.1.1.3.1.4-00	PROCESSING OF WEATHER MAP MESSAGES	273
		3.7.1.1.3.1.4-01	The system shall provide the capability of extracting weather map messages that are received from ATC radars and associated equipment.	273
		3.7.1.1.3.1.4-02	This shall include data from the Weather Fixed Map Unit (WFMU) of long range radars, ARSR-3s and ARSR-4s, and the weather channel in the ASR-9 or an equivalent primary radar sensor.	273
		3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
		3.7.1.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	336
		3.7.1.2.1.1.1.7-00	GRAPHIC WEATHER FROM ATC RADARS	337
		3.7.1.2.1.1.7-01	The Situation Display shall, at the controller's option, display graphic weather constructed from data obtained from Air Traffic Control radars.	337

lask Number	Task Statement	Paragraph Number	Requirement	Page No
A1.4.1.10 (cont'd)	REVIEW POTENTIAL IMPEDIMENTS FOR IMPACT ON PROPOSED CLEARANCE	40.3.7.1.1.3.1-08	SURVEILLANCE DATA PROCESSING CAPABILITY	76
		40.3.7.1.1.3.1-01	The requirements of Section 3.7.1.1.3.1 and subordinate sections shall apply to the TAAS with the following exceptions:	76
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		48.3.7.1.2.1.1.1-81	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
		40.3.7.1.2.1.1.4-00	SPECIAL LISTS	78
A1.4.1.13 EVALUATE FOE CHANGES FOR CLEARANCE PLANNING OR FUTUR ACTIONS	CLEARANCE PLANNING OR FUTURE	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
		40.3.7.1.2.1.1.2-20	c. Updating - Flight Data fields shall be updated by the system because of direct monifications of the flight data fields or system processing of flight changes.	7
		40.3.7.1.2.1.1.2-22	<ul> <li>c. Updating - Option 1 shall provide automatic update of information in the FDE with emphasis of the new data.</li> </ul>	7
		40.3.7.1.2.1.1.2-23	c. Updating - Automotic update shall consist of the existing data being replaced by the new data.	;
		48.3./.1.2.1.1.2-25	c. Updating - Option 2 shall provide for the automatic update in the FDE with emphasis of the new data and shall require controller acknowledgment to delete the emphasis.	;
	data to be displayed and en Flight Data Area on the Fli	c. Updating - Option 3 shall provide new doto to be displayed and emphasized in the Flight Data Area on the Flight Data Display and shall require controller acknowledgment.		
		40.3.7.1.2.1.1.2-27	c. Updating - The data in this area shall include the flight identification, field identifier, and the new data.	
1.4.1.15	PERCEIVE NEED FOR AMENDED CLEARANCE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBULOGY	

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A1.4.1.15 (cont'd)	PERCEIVE NEED FOR AMENDED CLEARANCE	3.7.1.2.1.1.1.3-44	The information conveyed in the track pusition symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	332
		3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELOS	361
		3.7.1.2.1,1.2.1-03	Table 3.7-1 lists the Flight Plan Data fields with the maximum number of characters in the field. (See SLS).	341
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
		40.3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	781
		40.3.7.1.2.1.1.2.1-01	a. The requirements of Section 5.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Focility, Loteral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	781
A1.4.2.1	DECLARE EMERGENCY AND INVOKE CONTINGENCY PLAN	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
	}	3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
i i	ļ	48.3.7.1.1.3.7.1-88	ATC MAIL PROCESSING	77(
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	771
A1.4.2.2	RECEIVE NOTICE OF PILOT OR AIRCRAFT HAVING A PROBLEM (E.G., OVERDUE, LOSS OF RADIO CONTACT)	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		46.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.4.2.4	DETECT A PILOT OR AIRCRAFT PROBLEM (E.G., HYPOXIA, EXCEPTION BEACON CODE)	3.7.1.2.1.1.1.00	SITUATION DISPLAY	32

lask Number	Tas⊬ Statement	Paragraph Number	Requirement	Pag No
1.4.2.4 cont'd)	DETECT A PILOT OR AIRCRAFT PROBLEM (E.G., HYPOXIA, EXCEPTION BEACON CODE)	5.7,1.2.1.1.1.3-86	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7,1.2.1,1,1,3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Intrim (See SLS).	33
		3.7.1.2.1.1.3-47	bc. Exception beacon code shall denote when a track's reported beacon code/Mode S address differs from its assigned beacon code/Mode S address.	3:
	3.7.1.2.1.1.1.3-57  48.3.7.1.2.1.1.1-88  48.3.7.1.2.1.1.1-91	3.7.1.2.1.1.1.3-57	ca. The following emergency and alert conditions shall be coded in the FDB, Beacon Code 7700 (Emergency), 7600 (Radio Failure), and adaptable codes for Hijack, Suspect Aircraft, and other possible uses.	3
		SITUATION DISPLAY	7	
		40,3.7.1.2.1.1.1-01	40,3.7.1.2.7.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RNP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.
1.4.2.5	FORWARD CONTINGENCY INFORMATION TO SUPERVISOR/ ANOTHER CONTROLLER	3 7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	
		3.7.1.2 1.2.2-00	FLIGHT DATA CHANGES	
		3.7.1.2.1.2.2-03	a. Flight Data Amendment: Flight Identification, Field to be Modified, New Data.	
	3.7.1.2.1.2.2-84 3.7.1.2.1.2.2-87	a. Flight Data Amendment: This message shall be used to modify, add to, or delete previously entered flight data for any flight plan.		
		3.7.1.2.1.2.2-87	a. Flight Data Amendment: The flight data fields that can be amended are listed in Table 3.7-1. (See SLS).	
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1	
			shall apply to TAAS.	

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
(cont'd)	FORWARD CONTINGENCY INFORMATION TO SUPERVISOR/ ANOTHER CONTROLLER	40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	78
11.4.2.6	INFORM DESIGNATED PERSONNEL OF AIRCRAFT HAVING FLIGHT PROBLEMS	3.7.1.1.3.7.1-00	ATC MAJL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7:
A1.4.2.7	REQUEST RELAY OF INSTRUCTIONS TO PILOT (NORDO) FOR IDENTIFICATION TURN/ TRANSPONDER RESPONSE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2:
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2
		4 <b>0.5.7.1.1.5.7.1-00</b>	ATC MAIL PROCESSING	;
		40.3.7.1.1.3.7.1-01	The requirements of Saction 3.7.1.1.3.7.1 shall apply to TAAS.	,
A1.4.2.8	CUNDUCT SEARCH FOR AIRCRAFT WITHOUT RADIO CONTACT	3.7.1,1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	1
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	
A1.4.2.9	UBSERVE AIRCRAFT TURN/ TRANSPONUER RESPONSE FOLLOWING IDENTIFICATION REQUEST	3.7.1.2.1.1-00	SITUATION DISPLAY	
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	
		3.7.1.2.1.1.1.3-17	The controller shall be able to select and deselect the display of each category of target or track data and up to five previous positions of history data.	
		3.7.1.2.1.1.1.3-26	b. The ident indicator shall be coded within the target position symbol.	

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41.4.2.9 (cont'd)	OBSERVE AIRCRAFT TURN/ TRANSPONDER RESPONSE FOLLOWING ILENTIFICATION REQUEST	3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Collsign, Mode & Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	337
		3.7.1.2.1.1.1.3-86	Movement of the displayed data block shall be minimal on a scan-to-scan basis.	33
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 und subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
A1.4.2.10	CONDUCT RADIO/ RADAR SEARCH FOR OVERDUE AIRCRAFT	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2:
		3.7.1.2.1.1.1-00	SITUATION DISPLAY	3
		3.7.1.2.1.1.1.3-00	TARGET AND TRAC DATA AND SYMBOLOGY	3
		3.7.1.2 1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Typa, Assigned Altitude or Interim (See SLS).	
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	7
		40.3.7.1.1.3.7.1-01	The requirements of Section 5.7.1.1.3.7.1 shall apply to TAAS.	7
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	,
		48.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	
A1.4.2.11	RECEIVE SUPERVISOR NOTICE OF EMERGENCY DECLARED AND CONTINGENCY PLAN INVOKED	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	
		48.3.7.1.1.3.7.1-88	ATC MAIL PROCESSING	

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A1.4.2.11 (cont'd)	RECEIVE SUFERVISOR NOTICE OF EMEPGENCY DECLARED AND CONTINGENCY PLAN INVOKED	40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.2.12	RECEIVE SUPERVISOR NOTICE TO CONDUCT COMMUNICATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.2.13	RECEIVE NOTICE THAT SUPERVISOR WILL CONDUCT COMMUNICATIONS SEARCH FOR OVERDUE/ NORDO AIRCRAFT	3.7.1.1.3.7.1-20	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.5.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	770
A1.4.2.14	RECEIVE PILOT NOTICE OF EMERGENCY DECLARED	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-57	ca. The following emergency and alert conditions shall be coded in the FD3: Beacon Code 7700 (Emergency), 7600 (Radio Failure), and adaptable codes for Hijack, Suspect Aircraft, and other possible uses.	334
		40.3.7.1.2.1.1.1.00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWF, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	775
A1.4.3.1	PERCEIVE PRESENCE OF SPECIAL OPERATION	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33/

Tosk Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.4.3.1 (cont'd)	PERCEIVE PRESENCE OF SPECIAL OPERATION	3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB rholl be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	332
		3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	341
		3.7.1.2.1.1.2.1-03	Toble 3.7-1 lists the Flight Plan Data fields with the maximum number of characters in the field. (See SI.S).	341
		3.7.1.2.1.1.8-00	SYSTEM STATUS DATA DISPLAY	359
		3.7.1.2.1.1.8-02	The following data categories shall be included: Communication Channel Assignments, Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radar Equipment Outages and Repair Schedule, NAVAID Outages and Repoir Schedule, NAVAID Maintenance Schedule, Sectorization Plan (See SLS).	359
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
		40.3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	781
		40.3.7.1.2.1.1.2.1-01	o. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA ot Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	781
		40.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	783
		40.3.7.1.2.1.1.7-01	The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-dat ected failures of TAAS resources, and that there is no requirement for additional categories defined us part of (See SLS).	78:
A1.4.3.2	RECEIVE REVIEW/ NOTICE OF SPECIAL OPERATION	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77

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Task Number	Task Statement	Paragraph Number	Requirement	No.
A1.4.3.2	RECEIVE REVIEW/ NOTICE OF	40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1	776
(cont'd) A1.4.3.3	SPECIAL OPERATION FORWARD NOTICE OF SPECIAL	3.7.1.1.3.7.1-00	shall apply to TAAS.  ATC MAIL MESSAGE PROCESSING	299
	OPERATIONS TO ANOTHER CONTROLLER/ SUPERVISOR			
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via elactronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7 1.1.3.7.1 shall apply to TAAS.	776
A1.4.4.1	ORSERVE NEW FLIGHT PLAN POSTING	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
		40.3.7.1.2.1.1.2-01	This logical display shall contain flight information for aircraft under the control of the sector, those not yet under the control of the sector, and those of interest to the sector.	779
		40.3.7.1.2.1.1.2-10	a. Posting - The controller shall be able to choose to operate the sector in automatic post mode in which FDEs are displayed in the Flight Data Area automatically or to operate the sector in manual acknowledgement mode in which FDEs are automatically posted and emphusized in the Flight Data Area.	780
		40.3.7.1.2.1.1.2-11	a. Posting - The FDE shall remain emphasized until an acknowledgment is made by the controller or until the manual acknowledgment mode is cancelled.	78ø
		48.3.7.1.2.1.1.2-42	FDEs shall be emphasized, if the manual acknowledge mode for automatically posting FDEs is selected.	781
A1.4.4.2	REVIEW FLIGHT PLAN FOR COMPLETENESS	3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	341
		5.7.1.2.1.1.2.1-03	Table 3.7-1 lists the flight Plan Data fields with the maximum number of characters in the field. (See SLS).	341
		48.3.7.1.2.1.1.2-80	FLIGHT DATA DISPLAY	775
		40.3.7.1.2.1.1.2-01	This logical display shall contain flight information for directaft under the control of the sector, those not yet under the control of the sector, and those of interest to the sector.	775
		40.3.7.1.2.1.1.2.1-60	FLIGHT DATA FIELDS	78

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A1.4.4.2 (cont'd)	REVIEW FLIGHT PLAN FOR COMPLETENESS	40.3.7.1.2.1.1.2.1-01	a. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	781
A1.4.4.3	ENTER FLIGHT PLAN	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	373
		3.7.1.2.1.2.2-15	e. Flight Plan: Callsign, (Flight Rules), (Type of Flight), (Number of Aircraft), Type of Aircraft, (Model Number), (Heavy Jet Indicator), Equipment, Departure Point, Departure Time, Coordination Fix, Coordination Time/Elapsed Time to Coordinate Fix, True Air Speed, Altitude, Route, (See SLS).	374
		3.7.1.2.1.2.2-16	<ul> <li>e. Flight Plan: This message shall be used to enter flight plan data into the system for a flight.</li> </ul>	37/
		3.7.1.2.1.2.2-17	e. Flight Plan: Either the Departure Paint and Departure Time or the Coordination Fix and Coordination Time/Elapsed Time to Coordination Fix shall be included.	37
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78
		40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Creote/Delete Route, and Repelitive Route Amendment.	78
		40.3.7.1.2.1.2-10	c. The capability shall also be provided for the controller to enter a new IFR flight plan for use only within the facility.	78
		40.3.7.1.2.1.2-11	c. The new flight plan shall contain the aircraft ID, aircraft data (optional), assigned beacen code (optional), speed (optional), entry/departure point (optional), exit/arrival point (optional), estimated time of entry or departure (optional), assigned or requested altitude (See SLS).	78
A1.4.4.4	ACKNOWLEDGE NEW FLIGHT PLAN RECEIPT	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
		40.3.7.1.2.1.1.2-10	a. Pasting - The controller shall be able to choose to operate the sector in automatic post made in which FDEs are displayed in the Flight Data Area automatically or to operate the sector in manual acknowledgement mode in which FDEs are automatically posted and emphasized in the Flight Data Area.	78
		40.3.7.1.2.1.1.2-11	a. Posting - The FDE shall remain emphasized until an acknowledgment is made by the controller or until the manual acknowledgment mode is cancelled.	71

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	ACKNOWLEDGE NEW FLIGHT PLAN RECEIPT	40.3.7.1.2.1.1.2-42	FDEs shall be emphasized, if the manual acknowledge mode for automatically posting FDEs is selected.	78
41.4.4.5	REVIEW FLIGHT PLAN FOR ERRORS/ DATA LIST SEQUENCE	4Ø.3.7.1.2.1.1.2-ØØ	FLIGHT DATA DISPLAY	17
		40.3.7.1.2.1.1.2-08	<ul> <li>a. Fosting - The capability shall be provided to display the different types of FDEs in separate lists.</li> </ul>	77
		40.3.7.1.2.1.1.2-09	a. Posting - This organization of FDEs shall be provided at the option of the controller.	78
		40.3.7.1.2.1.1.2-19	b. Ordering - In manual ordering, the controller shall have the capability to put a new FDE in the appropriate place in a list and to move FDEs with respect to one another.	78
		40.3.7.1.2.1.1.2-34	f. Formatting . The controller shall be able to select a format for all FDEs, a different format for all FDEs in each separate posting list, and/or a different format for a particular FDE from the formats available at his position.	78
A1.4.4.9	QUERY THE RELAYER OF A FLIGHT PLAN	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2:
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2:
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	7
		49.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.5.7.1 shall apply to TAAS.	7
A1.4.4.11	ENTER STEREO FLIGHT PLAN	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	3
		3.7.1.2.1.2.2-33	k. Stereo Flight Plan: Callsign, (A/C Data), (Speed), Coordination Time, (Altitude), Stereo Tag, (Remarks).	3
		3.7.1.2.1.2.2-34	k. Stereo Flight Plan: This message shall be used to enter an obbreviated flight plan.	3
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	7
		40.3.7.1.2.1.2-07	c. For Flight Nata Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	7
A1.4.4,12	ENTER VFR FLIGHT PLAN	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	

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A1 ÷ 4.12 (cont'd)	ENTER VFR FLIGHT PLAN	<b>3.7.1.2.1.2.2-5</b> 2	u. VFR Flight Plan: Aircraft Identification, (A/C Datu), (Beacon Code), (Departure Point), (Destination), (True Air Speed), (Coordination Fix), (Coordination Time), (Altitude), (Route), (Estimated Point of Penetration of ADIZ/DEWIZ Boundary), (Elapsed Time to Point of ADIZ/DEWIZ (See SLS).	377
		3.7.1.2,1.2,2-53	u. VFR Flight Plan: This message shall be used to establish a set of data for a VFR flight.	377
		3.7.1.2.1.2.2-54	u. VFR Flight Plan: The coordination field shall be used to designate that posting determination shall be performed on the VFR flight plan and to route VFR flight data to controller designated positions and facilities.	377
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-07	c. For F)ight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	784
A1.4.4.13	REQUEST FLIGHT PLAN REAGOUT	3.7.1.2.1.1.6-00	MESSAGE COMPOSITION AND RESPONSE DISPLAY	358
		3.7.1.2.1.1.6-04	The Response Display shall contain information that is a response to a query made by the controller to the data base such as a flight plan readout, a route readout, weather data readout, or ATC mail message readout.	358
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
		40.3.7.1.2.1.1.2-35	In addition to the Flight Data Area, a Flight Data Readout Area shall be established to display all of the flight data on one particular flight that is selected by the controller.	781
		40.3.7.1.2.1.1.5-00	MESSAGE COMPOSITION AND RESPONSE DISPLAY	765
		40.3.7.1.2.1.1.5-01	The requirements of Section 3.7.1.2.1.1.6 shall apply to TAAS.	783
A1.4.4.14	ENTER SCRATCH PAD DATA IN FULL DATA BLOCK	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	338
		3.7.1.2.1.1.1.3-55	bk. Scratch Pad Data shall be entared by the controller and shall consist of up to three characters of information.	334
		40.3.7.1.2.1.1. עט-ו	SITUATION DISPLAY	779

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A1.4.4.14 (cont'd)	ENTER SCRATCH PAD DATA IN FULL DATA BLOCK	40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	775
A1,4.5.1	RECEIVE FLIGHT DATA REVISION	40.3.7.1.1.3.3.1.2-00	AMEND FLIGHT PLAN DATA	77:
		40.3.7.1.1.3.3.1.2-04	The modification of certain fields of the flight plan shall cause new cutputs and notifications to be sent to appropriate sectors and facilities.	77:
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77:
		48.3.7.1.2.1.1.2-20	c. Updating - Flight Data fields shall be updated by the system because of direct modifications of the flight data fields or system processing of flight changes.	78
		40.3.7.1.2.1.1.2-22	c. Updating - Option 1 shall provide automatic update of information in the FDE with emphasis of the new data.	78
		40.3.7.1.2.1.1.2-23	c. Updating - Automatic update shall consist of the existing data being replaced by the new data.	78
		40.3.7.1.2.1.1.2-25	c. Updating - Option 2 shall provide for the automatic update in the FDE with emphasis of the new data and shall require controller acknowledgment to delete the emphasis.	78
		40.3.7.1.2.1.1.2-26	c. Updating - Option 3 shall provide new data to be displayed and emphasized in the Flight Data Area on the Flight Data Display and shall require controller acknowledgment.	78
A1.4.5.2	EMPHASIZE FLIGHT DATA ENTRY POSTING FOR REMINDER ACTION	40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
		40.3.7.1.2.1.1.2-38	It shall be possible for the controller to emphasize an entire FDE, FDE field, and FDE subfields.	78
A1.4.5.3	ENTER FLIGHT PLAN AMENDMENT	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	37
		3.7.1.2.1.2.2-65	a. Flight Data Amendment: Flight Identificution, Field to be Modified, New Data.	37
		3.7.1.2.1.2.2-04	a. Flight Data Amendment: This message shall be used to modify, add to, or delete previously entered flight data for any flight plan.	37
		3.7.1.2.1.2.2-75	a. Flight Data Amendment: This message shall be used to enter a flight rule change from either VFR to IFR or IFR to VFR.	37

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A1.4.5.3 (cont'd)	ENTER FLICHT PLAN AMENDMENT	3.7.1.2.1.2.2-06	a. Flight Data Amendment: Amendment data, when accepted, shall become a part of the flight data base.	373
		3.7.1.2.1.2.2-07	<ul> <li>a. Flight Data Amendment: The flight data fields that can be amended are listed in Tuble 3.7-1. (See SLS).</li> </ul>	373
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	784
A1.4.5.4	ENTER PILOT'S POSITION REPORT IN SYSTEM	3.7,1.2.1.2.2-00	FLIGHT DATA CHANGES	373
		3.7,1.2.1.2.2-22	g. Progress Report: Flight Identification, Fix, (Actual Time at Fix), (Pilot Estimate at Fix), (Next Fix), (Pilot Estimate at Next Fix), (Altitude).	379
		3.7.1.2.1.2.2-23	g. Progress Report: This message shall be used to update the position in time of an active flight plan.	375
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Celete Route, and Repetitive Route Amendment.	784
A1.4.5.5	DELETE FLIGHT DATA ENTRY EMPHASIS	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	37
		3.7.1.2.1.2.2-37	n. FNF and Nata Field Emphasis: Flight Identification, Field to be Emphasized, Emphasized data.	371
		3.7.1.2.1.2.2-38	n. FDE and Data Field Emphasis: This message shall enable the controller to add, modify, or delete emphasis on certain data fields in Table 3.7-1.	37
		48.3.7.1.2.1.1.2-06	FLIGHT DATA DISPLAY	77
		40,3.7.1.2.1.1.2-38	It shall be possible for the controller to emphasize an entire FDE, FDE field, and FDE subfields.	78
		40.3.7.1.2.1.1.2-39	The controller shall subsequently be able to restore the FDE to its normal display.	78
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78

Task Number		o Requirement Traceal Paragraph Number	Requirement	Pag No
A1.4.5.5 (cont'd)	DELETE FLIGHT DATA ENTRY EMPHASIS	40.3.7.1.2.1.2-07	c. For Flight Duta Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	78
A1.4.5,9	INFORM CONTROLLER UNABLE FLIGHT PLAN AMENDMENT	3.7.1.1.3.7.1-@Ø	AIC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.4.5.1Ø	RECEIVE CONTROLLER ADVICE OF UNABLE FLIGHT PLAN AMENOMENT	3.7.1.1.3.7.1-80	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2:
		40.3.7.1.1.3.7.1-60	ATC MAIL FROCESSING	7
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	,
A1.4.5.11	RECEIVE REQUESTED FLIGHT PLAN CHANGES	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	1
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	,
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	;
A1.4.6.1	RECEIVE HANDOFF REQUEST	3.7.1.1.3.2.4-00	DETERMINATION OF TRACK STATUS	
		3.7.1.1.3.2.4-04	d. Tracks in Crosstell status are those tracks for which handoffs have been initiated from an adjacent facility.	i
		3.7.1.1.3.2.4-05	d. The crosstell status exists from the time of receipt of the track data associated with the initial handoff message until the handoff is accepted or recalled through controller action.	
		3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		3.7.1.2,1.1,1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.4.6.1 (cont'd)	RECEIVE HANDOFF REQUEST	3.7.1.2.1.1.1.3-45	ba. Handoff status shall denote when a handoff has been initiated, accepted or retracted for a track. The identity of the initiating sector/position shall be denoted to both the initiating and the receiving sectors/positions.	333
		3.7.1.2.1.1.1.3-61	ce. The following emergency and alert conditions shall be coded in the FDB: Track in handoff status to the sector.	334
		3.7.1.2.1.1.1.3-72	db. Some of the conditions that sholl result in the display of a FDB for a track are: Aircraft is in handoff or pointout status to this sector.	334
		40.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	769
		40.3.7.1.1.3.2-01	The requirements of Section 3.7,1.1.3.2 and subordinate sections shall apply to the TAAS with the following exceptions.	76
		4Ø.3.7.1.2.1.1.1-Ø£	SITUATION DISPLAY	77:
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
A1.4.6.2	DENY HANDOFF	3.7.1.2.1.2.1-00	TRACK CONTROL	36
		3.7.1.2.1.2.1-02	a. Accept/Retract/Reject Handoff: Flight Identification(s), (Reject Indicator).	36
		3.7.1.2.1.2.1-03	a. Accept/Retract/Reject Handoff: This message shall be used to accept or reject control of a track or tracks whose initiate handoff message was addressed to the entering sector from a designated sector.	36
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	76
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	78
		40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Ronge/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	78

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
1.4.6.3	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	3.7.1.1.3.2,2-00	TRACK INITIATION	27
		3.7.1.1.3.2.2-05	The ACCC shall provide the capability of manually initiating a track through controller input even if the reports associated with the target to be tracked consist entirely of primary (search) reports.	27
		3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	35
		3.7.1.2.1.2.1-00	TRACK CONTROL	36
		3.7.1.2.1.2.1-05	b. Track: Flight Identification, Track Action (Ccast, Start, Drop, etc.), (Track Start Position), (Speed), (Reading), (Assigned Altitude).	36
		3.7.1.2.1.2.1-06	b. Track: This message shall be used to change the tracking status of an aircraft.	36
		3.7.1.2.1.2.1-07	b. Track: The Track message shall be designed to enable the controller to modify the tracking function for a particular aircraft.	31
		40.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	7
		46.3.7.1.1.3.2-01	The requirements of Section 3.7.1.1.3.2 and subordinate sections shall apply to the TAAS with the following exceptions.	7
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	7
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAN Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	7
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	7
		40.3.7.1.2.1.2-61	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 5.7.1.2.1.2.11)	7

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lask Number	Task Statement	Pu. , Number	Requirement	No.
A1.4.6.3 (cont'd)	ACCEPT VERBAL HANDOFF/ INITIATE MANUAL TRACK START	40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Range/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
A1.4.6.4	ACCEPT AUTOMATIC HANDOFF	3.7.1.2.1.2.1-00	TRACK CONTROL	368
		3.7.1.2.1.2.1-02	a. Accept/Retract/Reject Handoff: Flight Identification(s), (Reject Indicator).	368
		3.7.1.2.1.2.1-05	a. Accept/Retract/Raject Handoff: This message shall be used to accept or reject control of a track or tracks whose initiate handoff message was addressed to the entering sector from a designated sector.	368
		40.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	769
		40.3.7.1.1.3.2-13	e. The requirements of Section 3.7.1.1.3.2.8.2 shall be replaced as follows:	776
		40.3.7.1.1.3.2-15	e. The automatic handoff function shall be provided between approach control and enroute environments.	778
		40.3.7.1.1.3.2-30	e. The controller receiving the handoff of a track shall be provided the capability to take control by making an accept handoff action.	771
		48.3.7.1.2.1.2-88	CONTROLLER INPUT LANGUAGE PROCESSING	783
		48.3.7.1.2.1.2-01	o. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
		40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Be ring Readout, Ronge/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
A1.4.6.6	DETERMINE RESPONSE TO HANDOFF REQUEST	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330

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A1.4.6.6 (cont'd)	DETERMINE RESPONSE TO MANDOFF REQUEST	3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	332
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		4 <b>3.3.7.1.2.1.1.1-0</b> 1	The requirements of Section 3.7.1.2.1.1.1 and subordincte sections shall apply to TAAS except that Graphic Weacher from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
A1.4.6.7	RECEIVE CONTROL OF AIRCRAFT	3.7,1.1.3,7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.6.8	REQUEST TRANSFER OF CONTROL	3.7.1.1.3.7.1-WØ	ATC MAIL ESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.4.7.1	INITIATE HANDOFF FUNCTION	3.7.1.2.1.2.1-60	TRACK CONTROL	36
		3.7.1.2.1.2.1-88	<ul> <li>c. Initiate Handoff: Flight Identification, (Sector or Facility).</li> </ul>	36
		3.7.1.2.1.2.1-09	c. Initiate Handoff: This message shall be used to manually initiate the transfer of control of a tracked airgraft from one sector or facility to another.	36
		40.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	76
		48.3.7.1.1.3.2-15	e. The requirements of Section 3.7.1.1.3.2.8.4 shall be replaced as follows:	77
		40.3.7.1.1.3.2-29	e. The controller shall have the capability to manually initiate a handoff for a specific controlled track to a specific sector or facility.	77
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78

				No.
A1.4.7.1 (cont'd)	INITIATE HANDOFF FUNCTION	40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parometer Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
		40.5.7.1.2.1.2-02	b. For track control messages all messages except inhibit/Restore Automatic Pointout, Group Suppression. Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Ronge/Bearing Readout, Ronge/Rearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
		40.3.7.1.2.1.2-06	b. An Initiate Handoff message to the next sector or facility based on flight trajectory shall not apply to TAAS.	784
A1.4.7.2	OBSERVE AUTOMATIC INITIATION OF HANDOFF	3.7.1.2.1.1.1-0C	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be udaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	332
		3.7.1.2.1.1.1.3-45	ba. Handoff status shall denote when a handoff has been initiated, accepted or retracted for a track. The identity of the initiating sector/position shall be denoted to both the initiating and the receiving sectors/positions.	333
		40.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	769
		40.3.7.1.1.3.2-13	e. The requirements of Section 3.7 1.1.3.2.8.2 shall be replaced as follows:	776
		40.3.7.1.1.3.2-15	<ol> <li>The automatic handoff function shall be provided between approach control and enroute environments.</li> </ol>	776
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	775
A1,4,7.3	RETRACT HANDOFF	3.7.1.2.1.2.1-00	TRACK CONTROL	366

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				+-
A1.4.7.3 (cont'd)	RETRACT HANDOFF	3.7.1.2.1.2.1-02	a. Accept/Retract/Reject Handoff: Flight Identification(s), (Reject Indicator).	36
		3.7.1.2.1.2.1-84	a. Accept/Retract/Reject Handoff: If the message is entered for an aircraft already under control of the sector or facility entering the message, it shall be interpreted as a retraction of the transfer of control.	36
		40.3.7.1.2.1.2-06	CONTROLLER INPUT LANGUAGE PROCESSING	7
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Farameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	7
		40.3.7.1.2.1.2-02	b. For track control messages all messages except Irihibit/Restore Automatic Pointaut. Group Suppression. Vertical Velocity Readout. Flight Plan Extrapolation, Fix/Time Readout. Range/Bearing Readout. Range/Bearing/Fix Readout. Continuous Range Readout, and Radar Contact shall be processed.	7
A1.4.7.4	RECEIVE HANDOFF ACCEPTANCS	3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		3.7.1.2.1.1.3-60	TARGET AND TRACK DATA AND SYMBOLOGY	
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	
		3.7.1.2.1.1.3-45	ba. Handoff status shall denote when a handoff has been initiated, accepted or retracted for a track. The identity of the initiating sector/position shall be denoted to both the iritiating and the receiving sectors/positions.	
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Woather from RWP. Conflict Resolution and MSAW Advisories. Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	
A1.4.7,7	RECEIVE REQUEST FOR TRANSFER OF CONTROL	3.7.1.1,3,7.1-00	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	

Task Number	Task Statement	Paragraph Number	Requirement	Fage No.	
A1.4.7.7 (cont'd)	RECEIVE REQUEST FOR TRANSFER OF CONTROL	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776	1
		±Ø.3.7.1.1.3,7.1−Ø1	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776	
A1.4.7.8	DETERMINE THAT AIRCRAFT IS LEAVING SECTOR	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323	
		3.7.1.2.1.1.1.2-05	GEOGRAPHIC MAP DATA	523	
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	338	,
		3.7.1.2.1.1.3-14	Displayed target/track and associated Data Blocks shall be removed from the Jisplay either after reaching the sector boundary or after a parameter-designated time period has elapsed after a handoff acceptance.	331	
		3.7.1.2.1.1.1.3-40	The Situation Display shall also contain a FDB associated with certain tracks within the geographic area of concern.	337	2
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adoptable from the following set of data: Callsign, Mode C Alritude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Hendoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	33:	2
		4ชี.3.7.1.2.1.1.1-ชีซี	SITUATION DISPLAY	77:	9
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77	9
A1.4.7.9	DETECT MANUAL HANDOFF MODE INDICATION	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32	3
		3.7.1.2.1.1.3-80	TARGET AND TRACK DATA AND SYMBOLOGY	33	Ø
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See 3LS).	33	2
		3.7.1.2.1.1.1.3-53	ti. The handoff alert indication shall denote any of the following conditions: when a handoff, which was automatically initiated, has not been accepted after a parameter designated time; when the automatic handoff function is inhibited for a track; when a handoff, which was manually (See SLS).	33	3

	Task to Requirement Traceability Matrix							
Task Number	Task Statement	Peragraph Number	Requirement	Page No.				
A1.5.1.78 (cont'd)	EVALUATE IMPACT OF NEW A&M CONDITION	40.3.7.1.2.1.1.6~01	The requirements of Section 3.7.1.2.1.1.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	783				
A1.3.1.8 <b>0</b>	RECEIVE NEW ROUTING FOR WEATHER AVOIDANCE FROM SUPERVISOR/ TMC	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299				
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299				
		5.7.1.2.1.1.2.1-00	FLIGHT DATA FIELOS	341				
		3,7.1.2.1.1.2.1-03	Table 3.7-1 lists the Flight Plan Data fields with the maximum number of characters in the field. (See SES).	341				
		3.7.1.2.1.1.2.1-84	Route Information shall be displayed according to the following order of precedence: Preferential Route, Route of Flight, and Remarks.	34				
		3.7.1.2.1.1.2.1-09	The capability shall be provided to display/delete FDE notations (FDENs) in specified fields of FDEs.	34				
		3.7.1.2.1.1,2.1-8Ø	u. The following FDEN categories shall be provided: An FDEN associated with the Route field shall denote a SHAP or preferential route.	34				
		3.7.1.2.1.1.2.1-81	u. The Route field in conjunction with the FDEN shall provide for display of both the SWAP or preferential route and the associated segment of the filed route.	34				
		3.7.1.2.1.2.6-00	TRAFFIC MANAGEMENT CATA CHANGES	38				
		3.7.1.2.1.2.6-3B	p. Reroute Data for Severa Weather Avoidance Program (SWAP): This SWAP massage shall reroute all flights which we not yet departed that have a file oute going from the departure airport to the unrival airport via a specific alternate coded SWAP route.	38				
		48.3.7.1.1.3.7.1-68	ATC MAIL PROCESSING	77				
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77				
		48.3.7.1.2.1.1.2.1-88	FLIGHT DATA FIELDS	70				
		40.3.7.1.2.1.1.2.1-01	a. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	71				

Task Number	Task Statement	Paragraph Number	Requirement:	Page No
A1.5.1.8 <b>6</b> (cont <sup>†</sup> d)	RECEIVE NEW ROUTING FOR WEATHER AVUIDANCE FROM SUPERVISOR/ THO	40.3.7.1.2.1.2-90	CONTROLLER INPUT LANGUAGE PROCESSING	78
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	78
		40.3.7.1.2.1.2-17	f. For Traffic Management Data Changes (Section 3.7.1.2.1.2.6) only Set Status of Adapted Routes, Request Situation Display, and Request Flight Data Display shall be processed.	78
1.5.1.83	REQUEST WEATHER INFORMATION	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		5.7,1.1.3.7,1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7;
1,5.2.1	RECEIVE AIRPORT SPECIFIC NOTAM	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2
		3.7.1.2.1.1.7-88	AIRPORT ENVIRONMENTAL DATA DISPLAY	3
		3.7.1.2.1.1.7-12	For example, NOTAM data such as braking action shall be continuously updated and emphasized when a change in reported value occurs.	3
		40.3.7.1.1,3.7.1-00	ATC MAIL PROCESSING	7
		40.3.7.1.1.3.7.1-61	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7
		48.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	,
		40.3.7.1.2.1.1.6-01	The requirements of Section 3.7.1.2.1.1.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	
A1.5.2.2	RECEIVE WEATHER REPORT UPDATE (E.G., HOURLY SUMFACE OBSERVATION)	3.7.1.1.3.7.1-88	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the copability to communicate via electronic media.	

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	A1.5.2.2 (cont'd)	RECEIVE WEATHER REPORT UPDATE (E.G., HOURLY SURFACE OBSERVATION)	40.3.7.1,1.3.5-00	WEATHER PROCESSING CAPABILITY	775		
			48.3.7.1.1.3.5-84	The TAAS shall accept Aeronautical and Mateorological (A&M) Data Change messages from controllers and forward these messages to the Host Computer System for processing.	776		
			40.3.7.1.1.3.7.1~00	ATC MAIL PROCESSING	776		
			48.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776		
	A1.5.2.4	DETERMINE WHETHER RUNWAY CONDITIONS HAVE CHANGED	3.7.1.1.3.7.2-86	ENVIRONMENTAL AND STATUS DATA PROCESSING	299		
			3.7.1.1.3.7.2-02	a. Airport Environmental Data - The ACCC shall accept temperature, centerfield winds (speed and direction), ceiling, visibility, barometric pressure, Runway Visual Range, Low Level Wind Shear Alert, and vortex advisory data.	300		
			3.7.1.2.1.1.7-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	358		
			3.7.1.2.1.1.7-61	This logical diplay shall contain airport information and data from environmental sensors.	358		
			3.7.1.2.1.1.7- <b>8</b> 6	e. The following types of data shall be included: Airport Information: Departure Routes, Arrival Routes, Runway Configuration, Clased Runways, Acceptance Rate, Outages and Repair Schedule, Runway Alert Data, Airport Lighting Systems Status, Instrument Landing Aids, Visual Approach (See SLS).	356		
			3.7,1.2,1.1.7-10	This shall include a time-stamped status for runway visual range, runway lighting intensity, and wind shear (location, direction of movement, speed, and affect on aircraft performance).	359		
			3.7.1.2.1.1.7~12	For example, NOTAM data such as broking action shall be continuously updated and emphasized when a change in reported value occurs.	359		
			48,3.7.1.1.3.7.2-86	ENVIRONMENTAL AND STATUS DATA PROCESSING	776		
			48.3.7.1.1.3.7.2-81	The requirements of Saction 3.7.1.1.3.7.2 shall apply to TAAS except that the source of airport environmental data and airport equipment status data shall be TCCC or monual input.	776		
			40.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	78		
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1.5.2.4 cont'd)	CETERMINE WHETHER RUNWAY CONDITIONS HAVE CHANGED	4 <b>0</b> .3.7.1.2.1.1.6-01	The requirements of Section 3.7.1.2.1.1.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	71
1.5.2.5	DETERMING WHETHER CONTROL ZONE IS IFR/VFR	3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	2:
		3.7.1,1.3.7.2-02	a. Airport Environmental Data - The ACCC shall accept temperature, centerfield winds (speed and direction), ceiling, visibility, borometric pressure. Runway Visual Range, Low Lavel Wind Shear Alert, and vortex advisory data.	3
		3.7.1.2.1.1.1-00	SITUATION DISPLAY	3
		3.7.1.2.1.1.1.7-60	GRAPHIC WEATHER FROM ATC RADARS	3
		3.7.1.2.1.1.1.7-81	The Situation Display shall, at the controller's option, display graphic weather constructed from drita obtained from Air Traffic Control radars.	3
		40.3,7.1,1,3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	
		40.3.7.1.1.3.7.2-01	The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source of airport environmental data and airport equipment status data shall be TCCC or manual input.	
		40.3.7.1.2.1.1.1-86	SITUATION DISPLAY	
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Heather from RMP. Conflict Resolution and MSAM Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	
1.5.2.7	FORHARD RUNNIAY USE DATA	3.7.1.1.3.7.1-88	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	
		48.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	İ
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	
1.5.2.9	RECEIVE RUNHAY USE DATA	3.7,1,1,3.7,1-00	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the copability to communicate via electronic media.	
		3.7.1.1.3.7.2-ศอ	ENVIRONMENTAL AND STATUS DATA PROCESSING	

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A1.5.2.9 (cont'd)	RECEIVE RINNAY USE DATA	3.7.1.1.3.7.2-02	a. Airport Environmental Data - The ACCC shall accept temperature, centerfield winds (speed and direction), ceiling, visibility, barometric pressure, Rurway Visual Range, Low Level Wind Shear Alert, and vortex advisory data.	301
		3.7.1.2.1.1.7-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	35
		3.7.1.2.1.1.7-06	e. The following types of data shall be included: Airport Information: Departure Routes, Arrival Routes, Runway Configuratior. Clased Runways, Acceptance Rate. Outages and Repair Schedule, Runway Alert Data, Airport Lighting Systems Status, Instrument Landing Aids, Visual Approach (See SLS).	35
		3.7.1.2.1.1.7-18	This shall include a time-stamped status for runway visual range, runway lighting intensity, and wind shear (location, direction of movement, speed, and effect on aircraft performance).	35
		3.7.1.2.1.1.7-11	As established through adaptation, selected data items (e.g., closed runways, DASI, etc.) shall be emphasized to indicate to the controller that an automatic update has accurred on the display.	35
		3.7.1.2.1.1.7-12	For example, NOTAM data such as braking action shall be continuously updated and emphasized when a change in reported value accurs.	35
		40.3.7,1,1.3.7.1-20	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-61	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7
		40.3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	7
		40.3.7.1,1.3.7.2-01	The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source of airport environmental data and airport equipment status data shall be TCCC or manual input.	7
		40.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	7
		40.3.7.1.2.1.1.601	The requirements of Section 3.7.1.2.1.7.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	7
A1.5.2.10	DEJECT ALRPORT ENVIRONMENTAL DATA ALERT	3.7.1,1,3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	7
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A1.5.2.10 (cont'd)	DETECT AIRPORT ENVIRONMENTAL DATA ALERT	3.7.1.1.3.7.2-05	c. Environmental and ATC Equipment Alerts ~ The ACCC shall provide selected environmental and equipment operational status dota to the maintenance and operational control positions in such a manner as to assure timely controller response.	300	
		3.7.1.2.1.1.7-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	358	
		3.7.1.2.1.1.7-11	As established through adaptation, selected data items (e.g., closed runways, DASI, etc.) shall be emphosized to indicate to the controller that an automatic update has occurred on the display.	359	
		40.3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	776	
		40.3.7.1.1.3.7.2-01	The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source of airport environmental data and airport equipment status data shall be TCCC or manual input.	776	
		40.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	783	
		40.3.7.1.2.1.1.6-01	The requirements of Section 3.7.1.2.1.1.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	783	
A1.5.2.11	DETERMINE FAULTY AIRPORT ENVIRONMENTAL SENSOR	3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	299	
		3.7.1.1.3.7.2-02	a. Airport Environmental Data - The ACCC shall accept temperature, centerfield winds (speed and direction), ceiling, visibility, barometric pressure, Runway Visual Range, Low Level Wind Shear Alert, and vortex advisory data.	306	
		3.7.1.2.1.1.7-60	AIRPORT ENVIRONMENTAL DATA DISPLAY	358	
		3.7.1.2.1.1.7-01	This logical display shall contain airport information and data from environmental sensors.	358	
		3.7.1.2.1.1.7-02	<ul> <li>The following types of dota shall be included: Barometric pressure (DASI).</li> </ul>	358	
		3.7.1.2.1.1.7-03	b. The following types of data shall be included: Center field wind direction, speed, and gust speed (CF).	<b>3</b> 58	,
		3.7.1.2.1.1.7-94	c. The following types of data shall be included: Runway Visual Range (RVR) and supplementary data character (maximum of three for each runway assigned).	358	3
		<b>5.7.1.2.1.1.7-0</b> 5	d. The following types of data shall be included: Boundary surface wind direction and speed (Low Level Wind Shear Alert System data).	358	,
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A1.5.2.11 (cont'd)	DETERMINE FAULTY AIRPORT ENVIRONMENTAL SENSOR	3.7.1.2.1.1.7-06	e. The following types of data shall be included: Airport Information: Departure Routes, Arrival Routes, Runway Configuration, Closed Runways, Acceptance Rate, Outages and Repair Schedule, Runway Alert Data, Airport Lighting Systems Status, Instrument Landing Aids, Visual Approach (See SLS).	<b>3</b> 58
		40.3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	776
		40.3.7.1.1.3.7.2-01	The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source of airport environmental data and airport equipment status data shall be TCCC or manual input.	776
		40.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	783
		40.3.7.1.2.1.1.6-01	The requirements of Section 3.7.1.2.1.1.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	783
A1.5.2.12	ENTER AIRPORT ENVIRONMENTAL SENSOR DATA OVERRIDE	3.7.1.2.1.2.3~00	AERONAUTICAL AND METEOROLOGICAL DATA CHANGES	379
		3.7.1.2.1.2.3-13	d. Sensor Override: This message shall be used to control the acceptance of data received from an airport environmental sensor.	388
		3.7.1.2.1.2.3-14	d. Sensor Override: When an airport environmental sensor is determined to be faulty, the capability shall be provided to inhibit the data from entering the system data base.	386
		3.7.1.2.1.2.3-16	d. Sansor Override: At the time an innibit data message is entered, the capability shall be provided to optionally input a fallback value for the sensor.	381
		3.7.1.2.1.2.3-10	d. Sensor Override: If a fallback value is not provided at the time an inhibit data message is entered, the capability shall be provided to enter a value at a later time provided a permit data action was not taken during the interim time period.	38
		3.7.1.2.1.2.3-19	d. Sensor Override: When this fallback value is provided, it shall be displayed in lieu of the data sent by the sensor.	38
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78
		48.3.7.1.2.1.2-12	d. Fer Aerongutical and Meteorological Data Changes (Section 3.7.1.2.1.2.3) only the A&M Data Amendment and Sensor Override shall be processed.	78
A1.5.2.13	RECEIVE NOTICE OF FAULTY AIRPORT ENVIRONMENTAL SENSOR	3,7,1,1,3,7,1-08	ATC MAIL MESSAGE PROCESSING	29

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A1.5.2.13 (cont'd)	RECEIVE NOTICE OF FAULTY AIRPORT ENVIRONMENTAL SENSOR	3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299	•
		3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	299	
		3.7.1.1.3.7.2-05	c. Environmental and ATC Equipment Alerts - The ACCC shall provide selected environmental and equipment operational status data to the maintenance and operational control positions in such a manner as to assure timely controller response.	300	
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776	
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776	
		40.3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	776	
		40.3.7.1.1.3.7.2-01	The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source of airport environmental data and airport equipment status data shall be TCCC or manual input.	776	
A1.5.2.76	RECEIVE GENERAL NATURE NOTAM	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299	4
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776	
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776	5
A1.5.2.77	ACKNOWLEDGE AIRPORT ENVIRONMENTAL DATA ALERT	3.7.1.2.1.1.7-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	358	3
		3.7.1.2.1.1.7-11	As established through adaptation, selected data items (e.g., closed runways, DASI, etc.) shall be emphasized to indicate to the controller that an automatic update has accurred on the display.	359	3 <b> </b>
		3.7.1.2,1.1.7-13	The data shall remain emphasized for either an adapted time period or until the controller deselects the emphasis.	35	9
		48.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	78	3
		40.3.7.1.2.1.1.6-01	The requirements of Section 3.7.1.2.1.1.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	78	3
A1.5.2.78	REVIEW DISPLAYED WEATHER INFORMATION	3.7.1.2.1.1.7-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	35	ខ
		40.3.7.1.1.3.5-00	WEATHER PROCESSING CAPABILITY	77	5

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A1.4.7.9 (cont'd)	DETECT MANUAL HANDOFF MODE INDICATION	40.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	769
	40.3.7.1.1.3.2-13	e. The requirements of Section 3.7.1.1.3.2.8.2 shall be replaced as follows:	776	
		40.3.7.1.1.3.2-22	e.2. The automatic handoff function shall generate for display an appr priate handoff olert indication to the sector position which is controlling the track when one of the following conditions exist: When the automatic handoff function is inhibited for a track.	770
		48.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
41.4.7.10	REQUEST TRANSFER OF FLIGHT PLAN DATA TO ANOTHER FACILITY	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	373
1		3.7.1.2.1.2.2-28	i. Transfer Flight Plan: Flight Identification(s), Facility.	375
	5.7.1.2.1.2.2-29 40.3.7.1.1.5.3.1.6-00	3.7.1.2.1.2.2-29	1. Transfer Flight Plan: This message shall be used to cause the transmission of flight plan data to a Facility (ACCC, TCCC, ARTS, TAAS, or ISSS) regardless of the scheduled time for transmission.	375
		40.3.7.1.1.3.3.1.6-00	TRANSFER OF INTERFACILITY FLIGHT PLAN DATA	773
		40.3.7.1.1.3.3.1.6-01	The TAAS shall provide the capability to forward flight plan data to other facilities; this could be accomplished using existing Host capabilities.	773
		40.3.7.1.1.3.3.1.6-02	The data shall be transferred as a result of controller action.	773
		40.3.7.1.1.3.3.1.6-03	The controller shall be able to enter flight plan data into the system and then have the entered data forwarded to a designated facility.	773
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
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11.4.7.18 (cont'd)	REQUEST TRANSFER OF FLIGHT PLAN DATA TO ANOTHER FACILITY	40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	784
		48.3.7.1.2.1.2-88	c. The Transfer Flight Plan message shall only apply to ARTS facilities and shall be forwarded to the Host for processing.	784
11.4.7.11	INFORM CONTROLLER OF ANY CONDITIONS AFFECTING TRANSFER OF CONTROL	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3,7.1 shall apply to TAAS.	77
A1.4.7.12	INFORM CONTROLLER OF RELINGUISHED CONTROL OF AIRCRAFT	3,7,1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.4.7.13	DETECT HANDOFF ALERT INDICATION	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	3:
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign. Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Hondoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	3
		3.7.1.2.1.1.1.3-53	bi. The handoff alert indication shall denote any of the following conditions: when a handoff, which was automatically initiated, has not been accepted ofter a parameter designated time; when the automatic handoff function is inhibited for a track; when a handoff, which was manually (See SLS).	3
		3.7.1.2.1.1.1.3-64	ch. The following emergency and alert conditions shall be coded in the FDB: Handoff Alert.	3
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	;

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	A1.4.7.13 (cont'd)	DETECT HANDOFF ALERT INDICATION	40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories. Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
	A1.4.7.14	REDIRECT HANCOFF	3.7.1.2.1.2.1-00	TRACK CONTROL	363
			3.7.1.2.1.2.1-66	t. Redirect Handoff: Flight Identification, Sector or Facility.	372
			3.7.1.2.1.2.1-67	t. Redirect Handoff: This message shall provide the means for the initiating controller to redirect a handoff.	372
			3.7.1.2.1.2.1-68	t. Redirect Handoff: A retract handoff message shall be automatically sent to the sector/facility which received the original initiate handoff message.	372
			40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
			40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering farameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
			40.3.7.1.2.1.2-32	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Ronge/Bearing Readout, Range/Bearing/Fix Readout, Continuous Range Readout, and Radur Contact shall be processed.	783
	A1.4.7.15	RECEIVE HANDOFF REJECTION	5.7.1.2.1.1.1-00	SITUATION DISPLAY	323
			3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
			5.7.1.2.1.1.1.3-45	ba. Handoff status shall denote when a handoff has been initiated, accepted or retracted for a track. The identity of the initiating sector/position shall be denoted to both the initiating and the receiving sectors/positions.	353
			3.7.1.2.1.2.1-00	TRACK CONTROL	369
			3.7.1.2.1.2.1-03	a. Accept/Retract/Reject Handoff: This message shall be used to accept or reject control of a track or tracks whose initiate handoff message was addressed to the entering sector from a designated sector.	368
			40.3.7.1.2.1.1.1-08	SITUATION DISPLAY	779
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11.4.7.15 (cont'd)	RECEIVE HANDOFF REJECTION	40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAN Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
		40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Range/Bearing Readout, Cantinuous Range Readout, and Rudar Contact shall be processed.	783
1.4.8.1	INITIATE POINTOUT	3.7.1.2.1.2.1-00	TRACK CONTROL	368
		3.7,1.2.1.2.1-15	f. Initiate Pointout: Flight Identification, Sector or Facility.	369
		3.7.1.2.1.2.1-16	f. Initiate Pointout: This message shall be used to request the display of a Full Data Block at another sector's or Facility's Situation Display.	369
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78
	Section with the following require (Section Control to the follow of the follow of the follow of the follow of the follow of the following the	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 5.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	78	
		40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Printout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Pangc/Searing Readout, Range/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	78
A1.4.8.3	FORCE FLIGHT DATA ENTRY TO ANOTHER CONTROLLER	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	37
		3.7.1.2.1.2.2-46	o. FDE Point Out: Flight Identification, (Sector Posting Number), Sector Number.	37

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	Tusk Scovement	Paragraph Number	Requirement	Poge No.
A1.4.8.3 (cont'd)	FORCE FLIGHT DATA ENTRY TO ANOTHER CONTROLLER	3.7.1.2.1.2.2-41	o. FDE Point Out This message shall be used to force on FDE solayed at the entering sector to the Flight Data Area at another sector.	376
		48.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		48.3.7.1.2.1.2-01	o. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
		40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 5.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	784
A1.4.8.4	RECEIVE ACCEPTANCE OF POINTOUT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Collsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	2ء2
		3.7.1.2.1.1.1.3-51	bg. The initicting sector's/position's pointout indicator shall denote the receiving sector's/position's identification and either an acceptance or a rejection.	333
		3.7.1.2.1.2.1-00	TRACK CONTROL	368
		3.7.1.2.1.2.1-65	s. Pointout Accept/Reject: An appropriate indication shall be made to the sending position.	372
		4ยี.3.7.1.2.1.1.า-ชัย	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories. Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	793
	(cont'd)	(cont'd) ANOTHER CONTROLLER	ANOTHER CONTROLLER  48.5.7.1.2.1.2-08  48.3.7.1.2.1.2-07  A1.4.8.4  RECEIVE ACCEPTANCE OF POINTOUT  3.7.1.2.1.1.1-08  3.7.1.2.1.1.1.3-44  3.7.1.2.1.2.1-65  48.3.7.1.2.1.2.1-65	ANOTHER CONTROLLER  40.3.7.1.2.1.2-88  40.3.7.1.2.1.2-81  40.3.7.1.2.1.2-83  CONTROLLER INPUT LANGUAGE PROCESSING  48.3.7.1.2.1.2-81  48.3.7.1.2.1.2-81  48.3.7.1.2.1.2-83  48.3.7.1.2.1.2-83  48.3.7.1.2.1.2-87  48.3.7.1.2.1.2-87  48.3.7.1.2.1.2-87  48.3.7.1.2.1.2-87  48.3.7.1.2.1.2-87  48.3.7.1.2.1.2-87  48.3.7.1.2.1.2-87  48.3.7.1.2.1.3-88  48.3.7.1.2.1.3-88  48.3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.3-88  3.7.1.2.1.1.1.3-88  3.7.1.2.1.1.1.3-88  3.7.1.2.1.1.1.3-88  3.7.1.2.1.1.1.3-88  4.8.3.7.1.2.1

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A1.4.8.4 (cont'd)	RECEIVE ACCEPTANCE OF POINTOUT	40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parometer Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
		40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Range/Rearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
A1.4.8.5	RECEIVE REJECTION OF POINTOUT	3.7.1.2.1.1.1-80	SITUATION DISPLAY	323
		3.7.1.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign. Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude. Handoff Status/Indicator, Aircraft Type. Assigned Altitude or Interim (See SLS).	332
		3.7.1.2.1.1.1.3-51	bg. The initiating sactor's/position's pointout indicator shall denote the receiving sector's/position's identification and either an accomplance or a rejection.	35
		3.7.1.2.1.2.1-88	TRACK CONTROL	36
		3.7.1.2.1.2.1-65	s. Pointout Accept/Reject: An appropriate indication shall be made to the sending position.	37:
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77
		40.5.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sectio is with the following exceptions: Entry of the following message categories is not required: 1) Meta-ring Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	78

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Task Number	Task Statement	Paragraph Number	Requirement.	Page No.
A1.4.8.5 (cont'd)	RECEIVE REJECTION OF POINTOUT	40.3.7.1,2.1,2-02	t. For track confirol messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velacity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout. Range/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
A1.4.9.1	RECEIVE POINTOUT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1,1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	332
		3.7.1.2.1.1.1.3-50	bf. The receiving sector's/position's pointout indicator shall denote the receiving sector's/position's identification.	333
		3.7.1.2.1.1.1.3-60	cd. The following emergency and alert conditions shall be coded in the FDB: Initiation or receipt of a pointout.	334
		3.7.1.2.1.1.1.3-72	db. Some of the conditions that shall result in the display of a FDB far a track are: Aircraft is in handgff or pointout status to this sector.	334
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
A1.4.9.2	ACCEPT POINTOUT	3.7.1.2.1.2.1-00	TRACK CONTROL	368
		3.7.1.2.1.2.1-63	s. Pointout Accept/Reject: Flight Identification, (Reject Indicator).	372
		3.7.1.2,1.2.1-64	s. Pointout Accept/Reject: This message shall provide the means for the controller to accept or reject a Data Block Pointout.	372
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783

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A1.4.9.2 (cont'd)	ACCEPT POINTOUT	40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Continuous Range Readout, and Radar Contact shall be processed.	78
A1.4.9.3	DENY POINTOUT	3.7.1.2.1.2.1-00	TRACK CONTROL	36
		3.7.1.2.1.2.1-63	s. Pointout Accept/Reject: Flight Identification, (Reject Indicator).	37
		3.7.1.2.1.2.1-64	s. Pointout Accept/Reject: This message shall provide the means for the controller to accept or reject a Data Block Pointout.	37
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	76
		40.3.7.1.2.1.2-01	o. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Porometer Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	78
		4 <b>5.3.7.1.2.1.2-52</b>	b. For track control messages all messages except Inhibit/Restore Automatic Pointout. Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Range/Bearing Readout, Continuous Range Readout, and Radar Contact shall be processed.	7
A1.4.9.4	SUPPRESS FULL DATA BLOCK AFTER POINTOUT	3.7.1.2.1.2.1-00	TRACK CONTROL	3
		3.7.1.2.1.2.1-13	e. Force Data Block: Flight Identification.	3
	used to cause or remove th display of a Full Data Blo individual aircraft on a S	e. Force Data Block: This message shall be used to cause or remove the forcing of the display of a Full Data Block for an individual aircraft on a Situation Display.	3	
		CONTROLLER INPUT LANGUAGE PROCESSING	7	
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinute sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	7
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Task Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.4.9.4 (cont'd)	SUPPRESS FULL DATA BLOCK AFTER POINTOUT	40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout. Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Ronge/Bearing Readout, Ronge/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
A1.4.9.5	DEFERMINE RESPONSE TO POINTOUT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-61	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
۸1.4.16.2	APPROVE CLEARANCE REQUEST	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capubility to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-m1	The requirements of Saction 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.10.6	ISSUE CLEARANCE THROUGH ATCT/FSS FOR RELAY TO PILOT	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.4.10.7	VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.2-00	GEOGRAPHIC MAP DATA	323
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	336
		3.7.1.2.1.1.1.3-17	The controller shall be able to select and deselect the display of each category of target or track data and up to five previous positions of history data.	351

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	VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE	3.7.1.2.1.1.1.3-86	Movement of the displayed data block shall be minimal on a scan-to-scan basis.	33
		3.7.1.2.1.1.1.4-88	TRACK VECTOR	33
		3.7.1.2.1.1.1.4-81	The Situation Display shall contain a velocity/distance vector associated with each track.	33
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		40.3.7.1.2.1.1.1-01	The requirements of Saction 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. C offlict Resolution and MCAW Advisories, Foute Display, and Flight Plan Cenflict/Trial Plan Display are not required.	77
1.4.10.9	DENY CLEARANCE REQUEST	3.7.1.3.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2
		3.7.1.1.3.7.1-01	The ACCC small provide the capability to communicate via electronic media.	2
		49.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	7
		40.3,7.1.1,3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7
1.4.18.18	SUGGEST ALTERNATIVE TO CLEARANCE REQUEST FROM CONTROLLER	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2
1		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	a
		48.3.7.1.1.3.7.1-00	ACC MAIL PROCESSING	;
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	7
11.4.12.1	INHIBIT AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK	3.7.1.2.1.2.1-00	TRACK CONTROL	
		3.7.1.2.1.2.1-11	d. Enable/Inhibit Automatic Handoff: (Flight Identification), (Sector or Facility).	1
		3.7.1.2.1.2.1-12	d. Enable/Inhibit Automatic Handoff: This message shall provide the copsbility for enabling or inhibiting the automatic handoff initiation function for the entering sector for a specified aircraft or for all flights to be handed off to a specified sector or facility.	
		40.3.7.1.1.3.2-00	AUTOMATIC TRACKING CAPABILITY	
		34.3.77111.3.2.00	AUTOWITE TRACTING ON ALTERTY	

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A1.4.12.1 (cont'd)	INHIBIT AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK	48.3.7.1.1.3.2-13	e. The requirements of Section 3.7.1.1.3.2.8.2 shall be replaced as follows:	77
		40.3.7.1.1.3.2-22	e.2. The automatic handoff function shall generate for display an appropriate handoff olert indication to the sector position which is controlling the track when one of the following conditions exist: When the automatic handoff function is inhibited for a track.	77
		40.3.7.1.1.3.2-27	e. It shall be possible to inhibit the automatic handoff initiation capability by controller action or through adaptation for all tracks entering a designated facility, or for all tracks exiting a designated sector or the facility.	77
		48.3.7.1.1.3.2-28	e. The controller shall also be able to inhibit automatic handoff initiation on a designated track.	77
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	71
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	71
		40.3.7.1.2.1.2-02	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Ronge/Bearing Readout, Continuous Range Readout, and Radar Contact shall be processed.	7
A1.4.12.2	RESTORE AUTOMATIC HANDOFF FOR ALL TRACKS OR FOR DESIGNATED TRACK	3.7.1.2.1.2.1-88	TRACK CONTROL	3
		3.7.1.2.1.2.1-11	d. Enable/Inhibit Automatic Handoff: (Flight Identification), (Sector or Facility).	] 3
		3.7.1.2.1.2.1-12	d. Enable/Inhibit Automatic Handoff: This message shall provide the capability for enabling or inhibiting the automatic handoff initiation function for the entering sector for a specified aircraft or for all flights to be handed off to a specified sector or facility.	3
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	

with the following exceptions: Entry of the following exceptions: Intry of the following except contemporaries of required: 1) Metering Paraster Changes Coccessing Passages (Section 3.7.1.2.1.2.1.2.1)  48.3,7.1.2,1.2-02  b. For track control messages access inhibit/Restore Automatic Polanous, Processing Passages (Section 3.7.1.2.1.2.1.2.1)  b. For track control messages coccess inhibit/Restore Automatic Polanous, Group Suppression, Vertical Valority Readous, Inhibit/Restore Automatic Polanous, Group Suppression, Vertical Valority Readous, Inhibit Passages (Section 3.7.1.2.1.1.8-82  A1.4.13.4  DETERMINE PRECUENCY IN USE BY 3.7.1.2.1.1.8-83  3.7.1.2.1.1.8-82  3.7.1.2.1.1.8-82  The following data categories shall be Inhibited data categories shall be Inhibited Communication Channel Astignment Socio Frequencies, Readous Changes (Laborato Budge) and Report Schedula, MANIAD Polanome Cutoges and Report Schedula, MANIAD Polanome Cutoges and Report Schedula, MANIAD Polanome Cutoges and Report Schedula, MANIAD Polanome Cutoges Schedula, Schedula, MANIAD Polanome Cutoges and Report Schedula, MANIAD Polanome Cutoges and Report Schedula, MANIAD Polanome Cutoges Schedula, Maniad Polanome Cutoges Schedula, Maniad Polanome Cutoges Schedula, Maniad Polanome Cutoges Schedula, Maniad Polanome Cutoges Schedula, Maniad Polanome Cut	Task Number	<del></del>	o Requirement Tracea Paragraph Number	Requirement	Page No.
except Inhibit/Restore Autimotic Polinoids, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fly/In Readout, Ranga/Bearing/Flx Readout, Continuous Ranga Remote, and Reports a		ALL TRACKS OR FOR DESIGNATED	40.3.7.1.2.1.2-0ï	Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Matering Parameter Changes	783
RECEIVING SECTOR  3.7.1.2.1.1.8-82  The following data categories shall be included: Communication Channel Assignment Outage and Repoir Schedule, Rodar Equipment Outage and Repoir Schedule, Rodar Equipment Outage and Repoir Schedule, Rodar Equipment Outage and Repoir Schedule, Rodar Equipment Outage and Repoir Schedule, Rodar Equipment Outage and Repoir Schedule, Rodar Equipment Outages and Repoir Schedule, Rodar Equipment Outages and Repoir Schedule, Rodar Equipment Outages and Repoir Schedule, Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating and Repoir Rodar Flating Rodar Flating and Rodar Flating Ro			40.3.7.1.2.1.2-02	except Inhibit/Restare Automotic Pointaut, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Range/Bearing/Fix Readout, Continuous Range Readout, and Radar Contact shall be	783
included: Communication Channel Assignment Oxidage and Repair Schedule, Radar Equipment Oxtages and Repair Schedule, NAVAID Maintenance Schedule, Sectorization Plan (See SLS)  3.7.1.2.1.1.9-80  3.7.1.2.1.1.9-84  5.7.1.2.1.1.9-84  5.7.1.2.1.1.9-85  5.7.1.2.1.1.9-85  The following (textual) data shall be displayed: Airmons Information Manual, "Air Traffic Control" FAX Order 7118-55, Other Static Display Categories (Standard Operating Procedures, Letters of Agreement Position Check Lists, NAVAID/Sector Frequencies), "Occornic (See SLS)  3.7.1.2.1.1.9-85  The capability shall be provided to display data them selected from the above list.  48.3.7.1.2.1.1.7-88  System Status Data Display  48.3.7.1.2.1.1.8-81  The requirements of Section 3.7.1.2.1.1.8 shall apply to TAS except that the source of data shall be supervisor, area manager, controller assual entry or automatically except fact from the other is no requirement for additional categories defined as part of (See SLS 48.3.7.1.2.1.1.8-81  The requirements of Section 3.7.1.2.1.1.9 shall apply to TAS.  A1.4.15.7  ISSUE ALTIMETER SETTING  3.7.1.2.1.1.7-80  AIRPORT ENVIRONMENTAL DATA DISPLAY  This logical display shall contain airpor	11.4.13.4		3.7.1.2.1.1.8-50	SYSTEM STATUS DATA DISPLAY	359
5.7.1.2.1.1.9-64  b. The following (textual) data shall be displayed: Alrmans Information Manual, "Al Traffic Control" FAA Order 7118.65, Other Static Display Categories (Standard Operating Procedures, letters of Agreement Position Check Lists, NAVAID/Sector Frequencies), "Occanic (See SLS).  5.7.1.2.1.1.9-65  The capability shall be provided to display data items selected from the above list.  48.3.7.1.2.1.1.7-68  System Status Data Display  The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager controller manual entry or automatically excited follures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS 48.3.7.1.2.1.1.8-61  48.3.7.1.2.1.1.8-61  The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.  A1.4.13.7  ISSUE ALTIMETER SETTING  3.7.1.2.1.1.7-60  AIRPORT ENVIRONMENTAL DATA DISPLAY  This logical display shall contain airpor			3.7.1.2.1.1.8-€2	included: Communication Channel Assignments, Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radar Equipment Outages and Repair Schedule, NAVAID Outages and	359
displayed: Airmans Information Manual, "Ai Troffic Control" FAA Order 7118-65, Other Static Display Categories (Standard Operating Procedures, Letters of Agreement Position Check Lists, NAVAID/Sector Frequencies), "Oceanic (See SLS).  3.7.1.2.1.1.9-85  The capability shall be provided to display data items selected from the above list.  48.3.7.1.2.1.1.7-88  SySTEM STATUS DATA DISPLAY  The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically ected failures of TAAS recources, and that there is no requirement for additional categories defined as part of (See SLS 48.3.7.1.2.1.1.8-81  The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.  A1.4.15.7 ISSUE ALTIMETER SETTING  3.7.1.2.1.1.7-80  AIRPORT ENVIRONMENTAL DATA DISPLAY  This logical display shall contain airpor			3.7.1.2.1.1.9-00	STATIC INFORMATION DISPLAY	36N
deta items selected from the above list.  48.3,7.1.2.1.1.7-88 SYSTEM STATUS DATA DISPLAY  48.3,7.1.2.1.1.7-81 The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager controller manual entry or automatically ected failures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS 48.3.7.1.2.1.1.8-88 STATIC INFORMATION DISPLAY  48.3.7.1.2.1.1.8-81 The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.  A1.4.15.7 ISSUE ALTIMETER SETTING 3.7.1.2.1.1.7-88 AIRPORT ENVIRONMENTAL DATA DISPLAY  5.7.1.2.1.1.7-81 This logical display shall contain airpor			3.7.1.2.1.1.9~64	displayed: Airmans Information Manual, "Air Traffic Control" FAA Order 7118.65, Other Static Display Categories (Standard Operating Procedures, Letters of Agreement, Position Check Lists, NAVAID/Sector	360
40.3.7.1.2.1.1.7-01  The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically—deted follures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS 40.3.7.1.2.1.1.8-00 STATIC INFORMATION DISPLAY  40.3.7.1.2.1.1.8-01 The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.  A1.4.13.7 ISSUE ALTIMETER SETTING 3.7.1.2.1.1.7-00 AIRPORT ENVIRONMENTAL DATA DISPLAY  3.7.1.2.1.1.7-01 This logical display shall contain airport			3.7.1.2.1.1.9-05	The capability shall be provided to display data items selected from the above list.	360
shall apply to TAAS except that the source of data shall be supervisor, area manager controller manual entry or automatically-ected failures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS 48.3.7.1.2.1.1.8-88 STATIC INFORMATION DISPLAY  48.3.7.1.2.1.1.8-81 The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.  A1.4.13.7 ISSUE ALTIMETER SETTING 3.7.1.2.1.1.7-88 AIRPORT ENVIRONMENTAL DATA DISPLAY  5.7.1.2.1.1.7-81 This logical display shall contain airpor			40.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	783
40.3.7.1.2.1.1.8-01 The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.  A1.4.13.7 ISSUE ALTIMETER SETTING 3.7.1.2.1.1.7-00 AIRPORT ENVIRONMENTAL DATA DISPLAY  3.7.1.2.1.1.7-01 This logical display shall contain airport			40.3.7.1.2.1.1.7-01	shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-det ected failures of TAAS resources, and that	783
shall apply to TAAS.  A1.4.15.7 ISSUE ALTIMETER SETTING 3.7.1.2.1.1.7-00 AIRPORT ENVIRONMENTAL DATA DISPLAY  5.7.1.2.1.1.7-01 This logical display shall contain airport			40.3.7.1.2.1.1.8-00	STATIC INFORMATION DISPLAY	783
3.7.1.2.1.1.7-01 This logical display shall contain airpor			40.3.7.1.2.1.1.8-61	The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.	783
	A1.4.13.7	ISSUE ALTIMETER SETTING	3.7.1.2.1.1.7-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	35
sensors.			3.7.1.2.1.1.7-01	This logical display shall contain airport information and data from environmental sensors.	35

	I dsk &	Requirement Traceal	JIII CY FIGURE	Page
Task Numb	er Tusk Stotement	Paragraph Number	Requirement	No.
A1.4.13.7 (cont'd)	ISSUE ALTIMETER SETTING	3.7.1.2.1.1.7-02	a. The following types of data shull be included: Barometric pressure (DASI).	358
		40.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	783
		40.3.7.1.2.1.1.6-01	The requirements of Section 3.7.1.2.1.1.7 shall apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	783
A1.4.13.8	VERIFY AIRCRAFT ALTITUDE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.3-60	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-38	The above target/track data shall be updated at the scon rate of the radar(s) from which the reports are received.	332
		3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	341
		3.7.1.2.1.1.2.1-03	Table 3.7-1 lists the Flight Plan Oata fields with the maximum number of characters in the field. (See SLS).	341
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subspredincte sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	775
		40.3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	78
		40.3.7.1.2.1.1.2.1-01	a. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Fosted Fix, Next Sector/Mext Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory. and Metering/Traffic Management Advisory (See SLS).	78
A1.4.14.	1 OBSERVE TARGET ENTERING RADAR COVERAGE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7.1.2.1.7.7.3-01	The Situation Display shall contain selected information for the targets and tracks in the geographic area of concern.	33
		5.7.1.2.1.1.3-12	All targets detected by surveilance sensors (transponder, radar or radar reinforced transponder) shall be available for presentation on the Situation Display.	3:
		3.7.1.2.1.1.1.3-15	This data shall be presented as position symbols and data blocks.	3

Task Number	Task Statement	Paragraph Number	Requirement	Pag
1.4.14 1 cont'd)	OBSERVE TARGET ENTERING RADAR COVERAGE	3.7.1,2.1.1.1.3-16	The Situation Display shall contain current position data for various categories of targets and tracks and position history data for targets.	33
		3.7.1.2.1.1.1.3-20	Track position symbols shall be placed at the target report position if a target report correlated during the most recent radar scan; otherwise, the track position symbol shall be at the predicted track position.	3:
		3.7.1.2,1.1.1.3-21	Target position symbols shall be placed at the radar reported position and shall not be the same symbols as used to denote track positions.	3
		3.7.1.2.1.1.1.3-23	<ul> <li>a. Target position symbols shall be coded to denote whether the target is primary or beacon.</li> </ul>	3
		3.7.1.2.1.1.1.3-24	a. Target position symbols shall distinguish between the classes of primary targets and categories of beacon targets.	1
		3.7.1.2.1.1.1.3-26	b. The ident indicator shall be coded within the target position symbol.	
		3.7.1.2.1.1.1.3-49	The Situation Display shall also contain a FDB associated with certain tracks within the geographic area of concern.	
		3.7.1.2.1.1.3-98	The Situation Display shall include Limited Data Blocks for all tracks which pass a controller specified filter and which do not have an associated Full Data Block or Partial Data Block.	1
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	
1.4.14.3	CONDUCT RADAR IDENTIFICATION PROCEDURES	3.7.1.2.1.1.1-ฮฮ	SITUATION DISPLAY	
		3.7.1.2.1.1.1.2-80	GEOGRAPHIC MAP DATA	
		3.7.1.2.1.1.1.2-02	Map data shall be divided into many categories.	
		3.7.1.2.1.1.1.2-03	These categories shall include, but not be limited to, several groups of fixes, several groups of oirways, sector boundaries grouped by altitude, special use airapace boundaries, airports, obstructions, fixes, minimum vector altitudes (MVA), military routes, holding pattern (See SLS).	

Task Number	Task Statement	Paragraph Number	Requirement	Pagi No
11,4.14, <b>3</b> (cont'd)	CONDUCT RADAR IDENTIFICATION PROCECURES	3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7.1.2.1.1.1.3-12	All targets detected by surveilance sensors (transponder, radar or radar reinforced transponder) shall be available for presentation on the Situation Display.	33
		3.7.1.2.1.1.1.3-13	This data shall be presented as position symbols and data blocks.	33
		3.7.1.2.1.1.1.3-16	The Situation Display shall contain current position data for various categories of targets and tracks and position history data for targets.	33
		3.7.1.2.1.1.1.3-20	Track position symbols shall be placed at the target report position if a target report correlated during the most recent radar scan; otherwise, the track position symbol shall be at the predicted track position.	3:
		3.7.1.2.1.1.1.3-21	Target position symbols shall be placed at the radar reported position and shall not be the same symbols as used to denote track positions.	3
		3.7.1.2.1.1.1.3-23	<ul> <li>a. Target position symbols shall be coded to denote whether the target is primary or beacon.</li> </ul>	3
		3.7.1.2.1.1.3-24	<ul> <li>a. Yarget position symbols shall distinguish between the classes of primary targets and categories of beacon targets.</li> </ul>	3
		3.7.1.2.1.1.1.3-26	b. The ident indicator shall be coded within the target position symbol.	
		3.7.1.2.1.1.1.5-44	The information conveyed in the track position symbol and FDB shall be adoptable from the following set of data: Callsign, fibbe C Altitude or Filot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	3
		3.7.1.2.1.1.1.3-99	The LDB shall include the following information, as available: Mode 3/A Code, Mode S indicator/Mode S data link indicator (whichever one is available), Mode C altitude, Ground speed, Almoroft special condition (e.g., emergency/hijack, etc.).	
		40.3.7.1.2.1.1.1-60	SITUATION DISPLAY	
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and suburdinate sections shall apply to TAAS except that Graphic Meather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Tricl Plan Display are not required.	
				1

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.5.1.3	RECEIVE WEATHER BRIEFING FROM METEOROLOGIST	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		5.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
†		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
,		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7,1.1.3,7 1 shall apply to TAAS.	776
41.5.1.9	ISSUE WEATHER/ ADVISORY/ UPDATE TO PILOT/ ANOTHER CONTROLLER	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
	1	3.7.1.1,3.7,1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1,5.1.10	INFORM SUPERVISOR/ TMC OF WEATHER IMPACT ON ROUTES/ FLOW	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3,7.1.1.3,7,1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.5.1.12	RECEIVE WEATHER ADVISORY FROM ANOTHER CONTROLLER/ SUPERVISOR/ METEOROLOGIST	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7,1-00	ATC MAIL PROLESSING	771
		40.3.7.1.1.3.7.1-01	The requirements of Section 3 7.1.1.3.7.1 shall apply to TAAS.	77(
A1.5.1.13	RECEIVE CONTROLLER REQUEST FOR WEATHER INFORMATION	3.7.1.1.3.7.1-60	ATC MAIL MESSAGE PROCESSING	29
		5.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 sholl apply to TAAS.	77
		40.3./.1.1.3./.1-01		

Task Number	Tosk Statement	Paragraph Number	Requirement	Page No.
A1.5.1.14	FORWARD WEATHER INFORMATION TO SUPERVISOR/ METECROLOGIST	3.7.1.1.3.7.1-09	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7 1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
A1.5.1.18	REQUEST SUPERVISOR/ TMC TO RELEASE AIRSPACE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29:
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.5.1.22	ENTER AIRPORT ENVIRONMENTAL DATA INIO SYSTEM	3.7.1.1.3.7.2-00	ENVIRONMENTAL AND STATUS DATA PROCESSING	29
		3,7,1,1,3,7,2-02	a. Airport Environmental Data - The ACCC shall accept temperature, centerfield winds (speed and direction), ceiling, visibility, barometric pressure, Rumway Visucl Range, Low Level Wind Shear Alert, and vortex advisory data.	30
		3.7.1.2.1.1.7-60	AIRPORT ENVIRONMENTAL DATA DISPLAY	35
		3.7.1.2.1.1.7-61	This logical display shall cuntain airport information and data from environmental sensors.	3:
		3.7.1.2.1.2.3-00	AEROMANTICAL AND METEOROLOGICAL DATA CHANGES	3
		3.7.1.2.1.2.3-13	d. Sensor Override: This message shall be used to control the acceptance of data received from an airport environmental sensor.	38
		3.7.1.2.1.2.3-14	d. Sensor Override: When an airport environmental sensor is determined to be faulty, the capability shall be provided to inhibit the data from entering the system data base.	3:
		3.7.1.2.1.2.3-16	d. Sensor Override: At the time an inhibit data message is entered, the capability shall be provided to optionally input a fallback value for the sensor.	3

A1.5.1.22 (cont'd) DATA INTO SYSTEM  3.7.1.2.1.2.3-18	rement	No.
A8.5.7.1.2.1.1.6-38  A8.5.7.1.2.1.1.6-38  A8.5.7.1.2.1.1.6-38  A1.5.1.75  A1.	an inhibit data capability shall be a at a later time ction was not taken	386
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sholl apply to TAXS exc of disport anyironments equipment status data should input.  48.3.7.1.2.1.1.6-38 AIRPORT ENVIRONMENTAL D  48.3.7.1.2.1.1.6-81 She requirements of Sec shall apply to TAXS exc of data shall be TCCC of supervisor or controller.  48.3.7.1.2.1.2-80 CONTROLLER IN OF LEATHER Sec of data shall be TCCC of supervisor or controller.  48.3.7.1.2.1.2-12 Description of Controller in Section 3.7.1. Data Amendment and Sens processed.  3.7.1.2.1.1.1-88 SITUATION DISPLAY  3.7.1.2.1.1.1.7-81 GRAPHIC MEATHER FROM AI STRUCTURE of From data of Traffic Control radars.  48.3.7.1.2.1.1.1-88 SITUATION DISPLAY  48.3.7.1.2.1.1.1-88 SITUATION DISPLAY  The Situation Display of Constructed from data of Traffic Control radars.  48.3.7.1.2.1.1.1-88 SITUATION DISPLAY  The requirements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinate section except that Graphic Measurements of Second subordinates section except that Graphic Measurements of Second subordinates section except that Graphic Measurements of Second subordinates section except that Graphic Measurements of Second subordinates section except that Graphic Measurements of Second subordinates section except that Graphic Measurements of Second subordinates section except that Graphic Measurements of Second subordinates section except that Graphic Measurements of Second subordinates section except that Graphic Measu	DATA PROCESSING	776
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and subordinate section except that Graphic We Conflict Resolution and Route Display, and Fli Conflict/Trial Plan Di		779
required.	is shall apply to TAAS other from RWP, I MSAW Advisories, ont Plan	779
A1.3.1.78 EVALUATE IMPACT OF NEW ARM 3.7.1.2.1.1.7-00 AIRPORT ENVIRONMENTAL CONDITION	NATA DISPLAY	359
3.7.1.2.1.1.7-Ø1  This logical display s information and data f sensors.		358
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Ta	isk Number	Task Statement	Paragraph Number	Requirement	Page No.
	.5.2.78 ont'd)	REVIEW DISPLAYED WEATHER INFORMATION	40.3.7.1.1.3.5-01	The TAAS shall accept and process weather data from ATC radars and display the weather data.	775
			40.3.7.1.1.3.5-02	Weather data shull be presented on the Situation Display.	775
			45.3.7.1.1.3.5-Ø4	The TAAS shall accept Aeronautical and Mateoralogical (A&M) Data Change messages from controllers and forward these messages to the Hast Computer System for processing.	776
			40.3.7.1.2.1.1.1-00	SIT' ATION DISPLAY	779
			40.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	783
			40.3.7.1.2.1.1.6 01	The requirements of Section 3.7.1.2.1.1.7 shal? apply to TAAS except that the source of data shall be TCCC or manual entry from supervisor or controller position.	783
A1.	.6.1.1	BRIEF RELIEVING CONTROLLER	3.7.1.2.1.1.9-00	STATIC INFORMATION DISPLAY	36Ø
			3.7.1.2.1.1.9-04	b. The following (textual) data shall be displayed: Airmans Information Manual, "Air Traffic Control" FAA Order 7118.65, Other Static Display Categories (Standard Operating Procedures, Letters of Agreement, Position Check Lists, NAVAID/Sector Frequencies), "Oceanic (See SLS).	36¢
			3.7.1.2.1.1.9-05	The capability shall be provided to display data items selected from the above list.	36Ø
			4Ø.3.7.1.2.1.1.8-ØØ	STATIC INFORMATION DISPLAY	783
			40.3.7.1.2.1.1.8-01	The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.	783
A1	.6.1.2	SIGN OFF - CONSOLE	3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	390
			3.7.1.2.1.2.9-04	b. Sign Off: User Identification, (Operational Responsibility Designator(s)).	390
			3.7.1.2.1.2.9-Ø5	b. Sign Off: This message shall be used to enable a person to sign off an operational position.	390
			48.3.7.1.2.1.2-90	CONTROLLER INPUT LANGUAGE PROCESSING	783
			40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Porameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
A1	1.6.1.3	VERIFY COMPLETENESS OF KELIEF BRIEFING RECEIPT	3.7.1.2.1.1.9-00	STATIC INFORMATION DISPLAY	360

A1.6.1.3 VERIEV COMPLETENESS OF RELIEF 8.7.1.2.1.1.9-04 b. The following (textual) data shall be distally well Airmans information Manual, the status of the distally deligned information Manual, the status of the distally deligned information Manual, the status of the distally deligned information Manual, the status of Agreement, Position Theoretics, Lista, NANJON, Categories, Lesters of Agreement, Position Theoretics, Lista, NANJON, Categories, Lesters of Agreement, Position Theoretics, Lista, NANJON, Categories, Lesters of Agreement, Position Theoretics, Lista, NANJON, Categories, Lesters of Agreement, Position Theoretics, Lista, NANJON, Categories, Catego	grap	P				L	L	$\downarrow$	1	1						Р	Pare	agra	aph	Nu	e chriu	Rr_	 $\perp$		,				_		Re	ıqu:	ire	กลก	t.			~			_	Page No.	
dato items selected from the above list.  48.3.7.1.2.1.1.8-88 STATIC INFORMATION DISPLAY  A8.3.7.1.2.1.1.8-81 The requirements of Section 3.7.1.2.1.1.9 shull apply to TAAS.  A1.6.2.1 REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ LPDATE SLLF  5.7.1.1.3.7.2-80 ENVIRONMENTAL AND STATUS DATA PROCESSING  The ACCC shall accept, maintain, and disseminate data from TCDS related to Airport Environmental Clost and Equipment Status	.9 <b>~64</b>	3.7.1.2.1	3.7.1.2	3.7.1.	3.7	3.	3					3.	3.7.	7.1	1.2	2.1	1.1	∣.9 <b>-</b> 6	-84					d T () () ()	isp raf tat per osi	lay fic ic ati tio	yed: Co Dis ing	: A ont spl Pr Che	irm rol ay oce ck	ans F Cat dur Lis	AA ego es ts	Ori Ori L	rma der 28 28 4VA	tio 71 (SU ers ID/	n M 1Ø. and of Sec	dan 65 dar f A	ual , 0 d gre r	the ens	*Air er			362	
A0.3.7.1.2.1.1.8-81  A0.3.7.1.2.1.1.8-81  A1.6.2.1  REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF  3.7.1.1.3.7.2-86  A1.6.2.1  REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF  3.7.1.1.3.7.2-81  The ACCC shall accept, maintain, and disseminate data from TCCCs related to Airport Environmental Data and Equipment Status from selected airports.  5.7.1.1.3.7.2-84  b. Airport Equipment Status Data PROCESSING  The ACCC shall accept, maintain, and disseminate data from TCCCs related to Airport Environmental Data and Equipment Status from Selection and Equipment Status From Selection From TCCS related to Airport Equipment Status of ACC as appropriate of shall need a proper status of ACC as appropriate of shall need a proper status of ACC equipment, operational areas, airports, at This logical display shall contain dynamic information regarding the status of ACC equipment, operational areas, airports, at The following data categories shall be included: Communication Channel Assignment Radis Frequencial, RNAID Maintenance Schedule, Rodor Equipment Outage and Repair Schedule, RNAID Maintenance Schedu	.9-05	3.7.1.2.1	3.7.1.2	<b>3.</b> 7.1.	3.7	3	3					3.	<b>3.</b> 7.	7,1	1.2	2.1	1,1	1.9-6	-05																					,		368	7
shull apply to TASS.  REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE  3.7.1.1.3.7.2-88  The ACCC sholl accept, mointain, and disseminate doto from TCCs related to Airport Environmental Dato and Equipment Status Data - The data shall be disport-specific or num-way-specific as appropriate, and shall include information regarding the status of ATC equipment, operational areas, airports, and This logical display shall contain dynamic information regarding the status of ATC equipment, operational areas, airports, and Repair Schedule, Nadva Equipment Outages and Repair Schedule, Nadva Equipment Outage	1.1.ម	40.3.7.1.	40.3.7.	40.3.	48.	45	4				١	48	40.3	.3.	.7.	. 1.	.2.	.1.1	1.8-1	øø				5	TAT	10	ĮN	FOR	MAT	IO	l D	42]	L AY									783	3
The ACCC shall accept, maintain, and disseminate data from TCCS related to Airport Environmental Data and Equipment Status from selected disports.  3.7.1.1.3.7.2-04  b. Airport Equipment Status Data - The data shall be disport-specific or runway-specific as appropriate, and shall include Instrument Londing and Airport Lighting Systems.  3.7.1.2.1.1.8-00  SYSTEM STATUS DATA DISPLAY  This logical display shall contain dynamic information regarding the status of ATC equipment, operational areas, disports, et and of Frequencies, Rodio Equipment Outages and Repair Schedule, NAVAID Maintenance Schedule, NaVAID Maintenance Schedule, NaVAID Maintenance Schedule, NaVAID Maintenance Schedule, Sectorization Plan (See SLS)  3.7.1.2.1.1.8-05  The controller shall have the capability the select the categories of auta to be displayed.  48.3.7.1.1.3.7.2-08  ENVIRONMENTAL AND STATUS DATA PROCESSING  The requirements of Section 3.7.1.3.7.2.501  The requirements of Section 3.7.1.3.7.2.501  The requirements of Section 3.7.1.3.7.2.501	1.1.8	40.3.7.1.	40.3.7.	40.3.7	40.	41	4					48	40.3	.3.	.7.	.1.	.2.	,1.1	1.8-6	-01												Sec	tio	n 3	.7.	.1.	2.1	l.1.	.9			783	3
disseninate data from TCCCs related to Airport Environmental Data and Equipment Status from selected airports.  5.7.1.1.3.7.2-84  b. Airport Equipment Status Data - The data shall be airport-specific or runway-specific as appropriates, and shall include Instrument Londing and Airport Lighting Systems.  3.7.1.2.1.1.8-88  SYSTEM STATUS DATA DISPLAY  This logical display shall contain dynamic information regarding the status of ATC equipment, operational areas, airports, et al. and airport shall be included: Communication Channel Assignment Radio Frequencies, Radio Equipment Outage and Repair Schedule, Radio Equipment Outage and Repair Schedule, NaVAID Outages and Repair Schedule, NaVAID Maintenance Schedule, Sectorization Plan (See St.S)  3.7.1.2.1.1.8-83  The controller shall have the capability the select the categories of data to be displayed.  48.3.7.1.2.1.1.8-84  All displayed information shall be updated outcomposition of the processing the status DATA PROCESSING  ENVIRONMENTAL AND STATUS DATA PROCESSING  The requirements of Section 3.7.1.1.3.7.2-81	.2-00	3.7.1.1.3	3.7.1.1	3.7.1	3.7	3	3					3.	<b>3.</b> 7.	7.1	1.1	1.3	3.7	².2-í	-ØØ					€	IVN	RON	MEI	NTA	ıL A	ND	ST	ATU	s c	ATA	PF	ROC	ESS	SING	G			299	9
shall be disport-specific or rumway-specific or superportate, and shall include Instrument Landing and Airport Lighting Systems.  3.7.1.2.1.1.8-80 SYSTEM STATUS DATA DISPLAY  This logical display shall contain dynamic information regarding the status of ATC equipment, operational areas, airports, et al. 2.1.1.8-82 The following data categories shall be included: Communication Channel Assignment Radio Frequencies, Radio Equipment Outages and Repair Schedule, Rodar Equipment Outages and Repair Schedule, NAVAID Maintenance Schedule, NAVAID Maintenance Schedule, NaVAID Maintenance Schedule, NaVAID Maintenance Schedule, NaVAID Haintenance Schedule, NaVAID with the capability to select the categories of auta to be displayed.  3.7.1.2.1.1.8-85 The controller shall have the capability to select the categories of auta to be displayed.  48.3.7.1.1.3.7.2-88 ENVIRONMENTAL AND STATUS DATA PROCESSING The requirements of Section 3.7.1.1.3.7.2-81 The requirements of Section 3.7.1.1.3.7.2-81 The requirements of Section 3.7.1.1.3.7.2-81 The requirements of Section 3.7.1.1.3.7.2-81 Shall apply to TAAS except that the source	.2-01	3.7.1.1.	<b>3.</b> 7.1.1	<b>3.</b> 7.1	3.7	3	7					3.	<b>3.</b> 7	7.1	1.1	1.3	<b>3.</b> 7	7.2-1	-Ø1					4	diss Virp	eini ort	inc t E	te nvi	dat ror	mei	ro ita	n T 1 0	CCC ata	s r	elo nd (	ate	d t	0	t			239	9
This logical display shall contain dynamic information regarding the status of ATC equipment, operational areas, airports, et  3.7.1.2.1.1.8-02  The following data categories shall be included: Communication Channel Assignment Radio Frequencies, Radio Equipment Outages and Repair Schedule, NaVAID Outages and Repair Schedule, NaVAID Outages and Repair Schedule, NaVAID Maintenance Schedule, Sectorization Plan (See SLS)  3.7.1.2.1.1.8-05  The controller shall have the capability the select the categories of aata to be displayed.  3.7.1.2.1.1.8-04  All displayed information shall be updated automatically when changes are reported.  40.3.7.1.1.3.7.2-00  ENVIRONMENTAL AND STATUS DATA PROCESSING  The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source	.204	5.7,1.1.	3.7,1.1	3.7.1	3.7	3						3.	5.7	7,1	1.1	.1,3	3.7	7.2	<b>Ø</b> 4					1	shal , as [nst	ll t s ap trur	weu bbr pe	011 100	por i at	t-	spe an	cif d s	ic hal	or 1 i	rui inc	rwo luc	zy-s ie	spe	cif:	o ic		30:	а
information regarding the status of ATC equipment, operational areas, airports, et  3.7.1.2.1.1.8-02  The following data categories shall be included: Communication Channel Assignment Radio Frequencies, Radio Equipment Outages and Repair Schedule, NaVAID Outages and Repair Schedule, NaVAID Maintenance Schedule, Sectorization Plan (Sem SLS)  3.7.1.2.1.1.8-03  The controller shall have the capability the select the categories of data to be displayed.  3.7.1.2.1.1.8-04  All displayed information shall be updated outomatically when changes are reported.  40.3.7.1.1.3.7.2-00  ENVIRONMENTAL AND STATUS DATA PROCESSING  The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source	.8-06	3.7.1.2.	3.7.1.2	3,7.1	3,:	3						3	3,7	7.1	1.2	.2.	.1.1	1.8-	-00					٩	SYST	ΓEM	ST	ATI	JS I	DAT	A D	ISF	'LA'	<i>f</i>								35	9
included: Communication Channel Assignment Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radar Equipment Outage and Repair Schedule, NaVAID Maintenance Schedule, Sectorization Plan (See SLS)  3.7.1.2.1.1.8-03  The controller shall have the capability t select the categories of acta to be displayed.  3.7.1.2.1.1.8-04  All displayed information shall be updated outomatically when changes are reported.  40.3.7.1.1.3.7.2-00  ENVIRONMENTAL AND STATUS DATA PROCESSING  40.3.7.1.1.3.7.2-01  The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source	.8-01	3.7.1.2.	3.7.1.2	3.7.1	3.	3						3	<b>3.</b> 7	.7.1	.1.	.2.	.1.1	1.8-	-Ø1						info	orm	ači	lon	1.6	gar	din	g t	ne	st	atu	s c	of A	ÁTÇ	;			35	ij
select the categories of data to be displayed.  3.7.1.2.1.1.8-04  All displayed information snall be updated outomatically when changes are reported.  40.3.7.1.1.3.7.2-00  ENVIRONMENTAL AND STATUS DATA PROCESSING  40.3.7.1.1.3.7.2-01  The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source	. 8-02	3.7.1.2.	3.7.1.2	3.7.1	3.	3						3	3.7	.7.	.1.:	.2.	.1.1	1.8-	: <b>-</b> Ø2						ine: Rad: and and Repo	lud io Re Re air	Fre pai pai	cqu ir ir	omm enc Sch Sch aul	uni ies edu edu	cat le. le. NAV	ior adi Ro N/	Cl oda da N/A M	nan Equ E 10	nel ipm qui Out ten	As ent pm age	ssiq t O ent es (	gnm uta Ou and	iges itag i	es		35	9
automatically when changes are reported.  40.3.7.1.1.3.7.2-00 ENVIRONMENTAL AND STATUS DATA PROCESSING  40.3.7.1.1.3.7.2-01 The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source	.8-0	3.7.1.2.	3.7.1,	3.7.1	3.	3						3	<b>3</b> .7	.7.	.1,	.2.	.1.	1.8-	I-Ø3					1	sel	ect	, th	16										lit	y t	0		35	9
40.3.7.1.1.3.7.2-01 The requirements of Section 3.7.1.1.3.7.2 shall apply to TAAS except that the source	1.8-₫	3.7.1.2.	3.7.1.	3.7.1	3.	3						3	3.7	.7.	.1.	. 2 .	.1.	1.8-	3-Ø4																					i		35	59
shall apply to TAAS except that the source	.3.7.	40.3.7.1	40.3.7	40.3	40	1						4	40.	Ø.3	3.7	7.1	1,1	1.3.7	.7.2-	-00	7				EWV	IRC	nen(	ENT	AL	ANC	S	TAT	Æ	DAT	A P	PRO	CES	SIN	<b>V</b> G			77	75
equipment status data shall be TCCC or manual input.	.3.7.	40.3.7.1	40.3.7	40.3	40	4						4	40.	0.3	<b>3.</b> 7	7.1	1.1	1.3.7	.7.2-	:-Ø1	1				sha of equ	ll air ipm	app por nent	ply rt t s	to env tat	T/ iro	AS mm	ex:	ep Jl	t t dat	hat a c	t ti	he ai	sou rpo	urce			77	76
40.3.7.1.2.1.1.7-00 SYSTEM STATUS DATA DISPLAY	.1.1.	40.3.7.1	40.3.7	40.3	40	1						4	40.	0.3	3.7	7.1	1.2	!. <b>1.</b> 1	.1.7-	-00	Ø				SY\$	TEM	1 S	TAT	US	Dat	A [	ois	PLA	٧								78	33

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A1.6.2.1 (cont'd)	REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/ UPDATE SELF	40.3.7.1.2.1.1.7-01	The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically—det ected failures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS).	783
A1.6.2.3	VERIFY THAT ALL REQUIRED PARAMETERS ARE IN PROPER LOCATION	3.7.1.2.1.1-00	CONTROLLER DISPLAY LANGUAGE	321
		40.3.7,1,2.1,1-00	CONTROLLER DISPLAY LANGUAGE	77
		40.3.7.1.2.1.1-01	The requirements of Section 3.7.1.2.1.1 excluding subordinate sections shall apply to TAAS except for the reference to Section 3.7.1.2.1.1.12.1 which does not apply.	779
A1,6.2.4	SIGN ON AT DESIGNATED CONSOLE	3.7.1.1.3.7.3-00	SIGN ON AND SIGN OFF PROCESSING	30
		3.7.1.1.3.7.3-01	The capability shall be provided for the ACCC to maintain a sign on/sign off record for each operational position.	30
		3.7.1.1.3.7.5-02	This record shall include the user's unique identification, time of sign on, time of sign off, and the user's operational responsibility (e.g., R. D. trainee).	30
		3.7.1.1.3.7.3-03	It shall be possible to have multiple users signed on to a single operational position and to have multiple users signed on to the same operational responsibility.	32
		3.7.1.1.3.7.3-06	The option shall be provided for the user to invoke his/her display preference set as part of the sign on message.	38
		3.7.1.2.1.2.9-05	SIGN ON/SIGN OFF	3:
		3.7.1.2.1.2.9-82	<ul> <li>a. Sign On: User Identification, Operational Responsibility Designator(s), (Display Preference Set Identifier).</li> </ul>	3:
		3.7.1.2.1.2.9-03	a. Sign On: This message shall be used to enable a person to sign on an operational position and to optionally invoke his/her display preference set.	3:
		40.3.7.1.1.3.7.3-00	SIGN ON AND SIGN OFF PROCESSING	7:
		40.3.7.1.1.3.7.3-01	The requirements of Section 3.7.1.1.3.7.3 shall apply to TAAS.	7
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	7
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Tosk Number	Task Statement	Paragraph Number	Requirement	Page No
A1.6.2.4 (cont'd)	SIGN ON AT DESIGNATED CONSOLE	48.3.7.1.2.1.2-81	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subcrainate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	78
A1.6.2.5	ADJUST WORKSTATION TO PERSONAL PREFERENCE	3.7.1.1.3.7.5-ฮฮ	DISPLAY PREFERENCE SET PROCESSING	38
		3.7.1.1. <b>3.</b> 7.5- <b>0</b> 2	Each display preference set shall be uniquely identifiable and shall contain the location and size of logical display viewperts on physical displays, the data item assignments to each brightness control group, the selection of display attributes, and the selection of posting, ordering (See SLS).	38
		3.7.1.1.3.7.5-03	The capability shall be provided for each controller to modify his/her own preference set.	36
		3.7.1.1.3.7.5-05	The controller shall be able to display and to invoke an entire preference set or portions of a preference set which deal with individual logical displays.	31
		3.7.1.2.1.1-05	CONTROLLER DISPLAY LANGUAGE	3;
		3.7-1.2.1.1-06	a. This adaptation shall establish the physical shape and location of the physical display area which is to be allocated to a particular logical display.	3:
		3.7.1.2.1.1-87	a. This adaptation shall be dynamically olterable by the controller and shall permit assignment of all eligible logical displays of an operational position to a single physical display.	3
		3.7.1.2.1.1-10	a. The system shall provide the capability for the controller to dynamically designate any logical display or a portion of the situation display which is of interest at a given time and to have that window displayed upon a designated portion of one of the available display surfaces.	3
		3.7.1.2.1.1-12	<ul> <li>a. The capability for a controller to dynamically define and delute viewports shall be provided.</li> </ul>	3
		3.7.1.2.1.1-14	a. The capability shall be provided for the controller to independently control the display selections associated with each logical display for each viewport of that logical display.	3

			Requirement	No.
A1.6.2.5 (cont'd)	ADJUST WORKSTATION TO PERSONAL PREFERENCE	3.7.1.2.1.1-18	a. Additionally, the capability shall be provided to enlarge or contract the size of the physical viewport without changing the scaling of the data (resulting in the expansion or reduction of the geographic area displayed).	321
		3.7.1.2.1.1-59	Control of all displayed data within a Sector Suite shall be provided at each Common Console within that suite.	323
		3.7.1.2.3.1.1.1-00	SYMBOL GENERATION	402
		3.7.1.2.3.1.1.1-03	The Consule shall provide for operator selection of symbol sizes.	402
		3.7.1.2.3.1.1.4-00	BRIGHTNESS LEVELS	484
		3.7.1.2.3.1.1.4-02	The brightness of data display from each brightness control group shall be controller adjustable independent of all other groups.	464
		4ฮี.3.7.1.1.3.7.4-ฮีซี	DISPLAY PREFERENCE SET PROCESSING	776
		40.3.7.1.1.3.7.4-01	The requirements of Section 3.7.1.1.3.7.5 shall apply to TAAS.	776
		49.3.7.1.2,1.1-99	CONTROLLER DISFLAY LANCUAGE	779
		40.3.7.1.2.1.1-01	The requirements of Section 3.7.1.2.7.1 excluding subordinate sections shall apply to TAAS except for the reference to Section 3.7.1.2.1.1.12.1 which does not apply.	779
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-01	a. The TAAS shall meat the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	783
		40.3.7.1.2.3-00	DATA ENTRY AND DISPLAY EQUIPMENT	78
		40.3.7.1.2.3-01	a. The requirements of Section 3.7.1.2.3 and subordinate sections shall apply to TAAS except for the following: The references to Sections 3.7.1.2.2 and 3.2.1.1.3.2.2 should be replaced by Sections 40.3.7.1.2.2 and 40.3.2.1.1.3.2.2 respectively.	78:
A1.6.2.6	CHECK WORKSTATION FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS	3.7.1.2.1.1-00	CONTROLLER E'SPLAY LANGUAGE	32
		4 <b>0.3.7.1.2.1.1-00</b>	CONTROLLER DISPLAY LANGUAGE	77

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A1.6.2.6 (cont'd)	CHECK WORKSTATION FOR PROPER CONFIGURATION, USABILITY, AND SATISFACTORY STATUS	40.3.7.1.2.1.1-01	The requirements of Section 3.7.1.2.1.1 excluding subordinate sections shall apply to TAAS except for the reference to Section 3.7.1.2.1.1.12.1 which does not apply.	779
A1.6.2.7	SET UP WORKSTATION ADAPTATION PARAMETERS	3.7.1.1.3.7.5-00	DISPLAY PREFERENCE SET PROCESSING	388
		3.7.1.1.3.7.5-∅1	The capability shall be provided for each controller to establish multiple preference sets for each of multiple sectors for a total of 10 preference sets per controller.	300
		3.7.1.1.3.7.5-02	Each display preference set shall be uniquely identifiable and shall contain the location and size of logical display viewports on physical displays, the data item assignments to each brightness control group, the selection of display attributes, and the selection of posting, ordering (See SLS).	300
		3.7.1.1.3.7.5-03	The copobility shall be provided for each controller to modify his/her own preference set.	3Ø1
		3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	363
		3.7.1.2.1.2-39	ob. Defaults - The capability for each controller to be able to set and store the particular combination of default parameters which he/she deems most appropriate for his/her doily usage shall be provided.	365
		3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	398
		3.7.1.2.1.2.9-Ø6	c. Modify Display Preference Set: User Identification, Password, Display Preference Identifier, Data to be Changed.	396
		3.7.1.2.1.2.9-07	c. Modify Display Preference Set: This message shall be used to modify one's own display preference set(s).	39
		40.3.7.1.1.3.7.4-90	DISPLAY PREFERENCE SET PROCESSING	77
		48.3.7.1.1.3.7.4-81	The requirements of Section 3.7.1.1.3.7.5 shall apply to TAAS.	77
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE FROCESSING	78
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parometer Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	78
A1.6.2.8	REVIEW BRIEFING CHECKLIST/ NOTES TO ASSURE COMPLETENESS OF BRIEFING COVERAGE	<b>3</b> .7.1.2.1.1.9-ØØ	STATIC INFORMATION DISPLAY	36

Task Number	Task Statement	Paragraph Number	Requirement	Pag No
11.6.2.8 cont'd)	REVIEW BRIEFING CHECKLIST/ NOTES TO ASSURE COMPLETENESS OF BRIEFING COVERAGE	3.7.1.2.1.1.9-04	b. The following (textual) data shall be displayed: Airmans Information Manual, "Air Traffic Control" FAA Order 7118.65, Other Static Display Categories (Standard Operating Procedures, Letters of Agreement, Position Check Lists, NAVAID/Sector Frequencies), "Oceanic (See SLS).	36
		3.7.1.2.1.1.9-05	The capability shall be provided to display data items selected from the above list.	36
		3.7.1.2.1.1.18-00	CONTROLIER NOTEPAD DISPLAY	36
		3,7.1.2.1.1.18-04	These notes shall only be displayed at the entering position and shall remain in the logical display until the controller takes action to delete them.	36
		40.3.7.1.2.1.1.8-00	STATIC INFORMATION DISPLAY	71
		40.3.7.1.2.1.1.0-01	The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.	7:
		40.3.7.1.2.1.1.11-00	CONTROLLER NOTEPAD DISPLAY	7
	40.3.7.1.2.1.1.11-01	40.3.7.1.2.1.1.11-01	The requirements of Section 3.7.1.2.1.1.18 shall apply to NAAS.	7
41.6.2.9	REQUEST IMPLEMENTATION OF PROGRAMMED PERSONAL PREFERENCE ADJUSTMENTS	3.7.1.1.3.7.3-00	SIGN ON AND SIGN OFF PROCESSING	3
		3.7.1.1.3.7.3-06	The option shall be provided for the user to invoke his/her display preference set as part of the sign on message.	3
		3.7.1.1.3.7.3-07	If no display preference set is specified at sign on, the existing display configuration shall be retained until controller action is taken to change it.	3
		3.7.1.1.3.7.5-00	DISPLAY PREFERENCE SET PROCESSING	!
		3.7.1.1.3.7.5-04	The copobility shall be provided for the controller to display and to invoke a display preference set selectable from all sets established in the ACCC.	3
		3.7.1.1.3.7.5-05	The controller shall be able to display and to invoke an entire preference set or portions of a preference set which deal with individual logical displays.	3
		3.7.1.2.1.2.9-00	SIGN ON/SIGN OFF	
		3.7.1.2.1.2.9-08	d. Display/Invoke Display Preference Set: Display Preference Identifier, (Lugical Display Identifier(s)), (Current Display Selections), (Invoke), (Logical Display Viewport Location(s)).	

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1.6.2.9 cont'd)	REQUEST IMPLEMENTATION OF PROGRAMMED PERSONAL PREFERENCE ADJUSTMENTS	5.7.1.2.1.2.9-10	d. Display/Invoke Display Preference Set: This message shall be used to display a preference set selectable from all sets established in the ACCC.	35	
		3.7.1.2.1.2.9-17	d. Display/Invoke Display Preference Set: The controller shall be able to display an entire preference set or portions of the requested preference set which deal with individual logical displays.	3	
		3.7.1.2.1.2.9-12	d. Display/Invoke Display Preference Set: If current display selections are requested, the Display Control selections currently in use at the operational position shall be displayed in addition to the requested display preference set.		
		3.7.1.2.1.2.9-13	d. Display/Invoke Display Preference Set: This message shall be used to invoke the displayed preference set that has been selected for display, and to specify logical display viewport location(s) if applicable.		
		45.3.7.1.1.3.7.3-ยัย	SIGN ON AND SIGN OFF PROCESSING		
	4 <b>0.3.</b> 7.1.		40.3.7.1.1.3.7.3-01	The requirements of Section 3.7.1.1.3.7.3 shall apply to TAAS.	
		40.3.7.1.1.3.7.4-00	DISPLAY PREFERENCE SET PROCESSING		
			40.3.7.1.1.3.7.4-01	The requirements of Section 3.7.1.1.3.7.5 shall apply to TAAS.	
		48.3.7.1.2.1.2-68	CONTROLLER INPUT LANGUAGE PROCESSING		
		4 <del>3</del> ,3.7.1.2.1.2- <b>8</b> 1	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)		
11.6.2.75	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	3.7.1.2.1.1.1-00	SITUATION DISPLAY		
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY		
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be aduptable from the following set of date: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).		
		3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS		
		3.7.1.2.1.1.2.1-03	Table 3.7-1 lists the Flight Plan Data fields with the maximum number of characters in the field. (See SLS).		

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A1.6.2.75 (cont.'d)	REVIEW CURRENT AND PROJECTED TRAFFIC STATUS/ WEATHER	3.7.1.2.1.1.2.1-07	Displayed Flight Data Entries shall be coded for content according to purpose and use.	342
		3.7.1.2.1.1.2.1-09	The capobility shall be provided to display/delete FDE notations (FDENs) in specified fields of FDEs.	342
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		48.3.7.1.2.1.1.1-Ø1	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP. Conflict Resolution and MSAW Advisories. Route Displa. and Flight Plan Conflict/fral Plan Display are not required.	779
		40.3.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	781
		40.3.7.1.2.1.1.2.1-01	a. The requirements of Section 3.7.1.2.1.1.2.1 shull apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Truffic Management Advisory (See SLS).	781
ł		46.3.7.1.2.1.1.3-06	ALERT AND RESOLUTION DISPLAY	782
		40.3.7.1.2.1.1.4-00	SPECIAL LISTS	782
		40.3.7.1.2.1.1.4-01	This logical display shall contain four lists of information in a concise and compact manner for quick scanning by the controller.	782
		40.3.7.1.2.1.1.4-03	Any changes to data contained in these lists shall be updated automatically.	782
1		4.6.3.7.1.2.1.1.6-เซีย์	AIRFÜRĪ ENVIRUNMENIAL DATA DISPLAY	783
		40.3.7.1.2.1.1.12-00	SUPPRESSED DISPLAY LIST DISPLAY	783
A1.6.3.1	DETECT NON-ACCEPTANCE OF INPUT DATA	3.7.1.1.2.3-00	RESPONSES TO INPUT MESSAGES	269
		3.7.1.1.2.3-01	Response messages shall be generated as appropriate to the system design and the devices employed for Data Entry and Display.	269
		3.7.1.1.2.3-92	There shall always be some response to the source of any local or remote message that originated at a manned position, to confirm that the system has taken note of the message and is acting on it.	269
		3.7.1.1.2.3-05	c. The following definitions shall apply to Response Messages: Error Message (see SLS).	276
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Task Number	Task Statement	Paragraph Number	Requirement	Page No.
N1.6.3.1 (cont'd)	DETECT NON-ACCEPTANCE OF INPUT DATA	3.7.1.2.1.1.6-05	The Response Display shall also contain computer responses to controller entered messages such as an accept, reject, or error.	35
		3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	36
		3.7.1.2.1.2-53	ge.5 Feedback for alphanumeric inputs shall appear on the Message Composition and Response Display.	36
		3.7.1.2.1.2-57	ae. Feedback - Every single type of every interaction activity shall result is some type of positive lexical feedback.	36
		3.7.1.2.1.2-58	af. Error Handling - When an error condition is encountered, the controller shall be provided appropriate feedback such that he/she can easily determine what was received by the system as input, what fields or data items were detected as being erroneous, and what error checking (See SLS).	36
		40.3.7.1.1.2-00	INPUT MESSAGE PROCESSING	76
		40.3.7.1.1.2-0î	The requirements of Section 3.7.1.1.2 and subordinate sections shall apply to TAAS except that the reference to Section 3.7.1.1.3 shall be replaced by a reference to Section 40.3.7.1.1.3 and that the reference to Section 3.7.1.1.4 Automation Processing Subarea shall not apply to TAAS.	76
		40.3.7.1.2.1.1.5-0 <del>0</del>	MESSAGE COMPOSITION AND RESPONSE DISPLAY	78
		40.3.7.1.2.1.1.5-01	The requirements of Section 3.7.1.2.1.1.6 snall apply to TAAS.	71
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	7
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	7
41.6.3.2	INFORM SUPERVISOR OF TRANSIENT EQUIPMENT FAILURE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	2
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	a
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	7
		48.3.7.1.1.3.7. <sub>1</sub> -81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	
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A7.6.4.1	CETECT OCCURRENCE OF SECTOR SUITE FAILURE	40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		48.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
		40.3.7.1.2.1.1.3-00	ALERT AND RESOLUTION DISPLAY	782
		40.3.7.1.2,1.1.4-00	SPECIAL LISTS	782
ŀ		40.3.7.1.2.1.1.5-00	MESSAGE COMPOSITION AND RESPONSE DISPLAY	783
		40.3.7.1.2.1.1.6-00	AIRPORT ENVIRONMENTAL DATA DISPLAY	783
		48.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	783
		40.3.7 1.2 1 1.8-00	STATIC INFORMATION DISPLAY	783
A1.6.4.2	OBSERVE SECTOR SUITE DATA BASE RESTORATION COMPLETION MESSAGE	3.7.1.4.5.3-66	FLIGHT PLAN PROCESSING CAPABILITY	411
		3.7.1.4.3.3-06	In the event the ACCC transitions from the Emergency Mode to a higher mode, the system's flight data shall automatically be made consistent with the flight data then at each operational position.	411
		3.7.1.4.3.3-07	a. This process shall require no controller action and shall result in no change to the controllers' displays except that: The Flight Data display shall indicate for each displayed FDE whether all data bases have been made consistent.	411
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.2-00	FLIGHT DATA DISPLAY	779
		48.3.7.1.2.1.1.7 88	SYSTEM STATUS DATA DISPLAY	793
		40.3.7.1.4.3.3-60	FLIGHT PLAN PROCESSING CAPABILITY	798
		40.3.7.1.4.3.3-01	The requirements of Section 3.7.1.4.3.3 shall apply to TAAS.	798
A1.6.4.3	FORWARD NOTICE OF EQUIPMENT STATUS	3.7.1.1.3.7.1-60	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776

Task Number	Task Statement	Paragraph Number	Requirement	Pug No
1.6.4.4	RECEIVE STATUS OF SECTOR SUITE FAILURE FROM CONTROLLER / SUPERVISOR	3,7,1,1,3,7,1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		48.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
1.6.4.5	REQUEST SPECIFIED DISPLAY DATA BE PRESENTED ON AND CONTROLLED AT A SPECIFIC COMMON CONSOLE	3.7.1.1.3.7.5-00	DISPLAY PREFERENCE SET PROCESSING	31
		3.7.1.1.3.7.5-07	In the event of reassignment of logical display windows to physical displays resulting from failure of a display surface containing one or more of the minimum required logical displays, the reassigned displays shall be presented using the display settings existing prior to the failure (See SLS).	3
		3.7.1.2.1.1-00	CONTROLLER DISPLAY LANGUAGE	3
		3.7.1.2.1.1-05	a. The system shall assign logical displays to physical displays through adaptation which is peculiar to each operational position.	3
		3.7.1.2.1.1-07	a. This adaptation shall be dynamically alterable by the controller and shall permit ussignment of all eligible logical aisplays of an operational position to a single physical display.	3
		40.3.7.1.1.3.7.4-00	DISPLAY PREFERENCE SET PROCESSING	
		40,3.7,1,1.3.7,4-01	The requirements of Section 3.7.1.1.3.7.5 shall apply to TAAS.	7
		40.3.7.1.2.1.1-00	CONTROLLER DISPLAY LANGUAGE	
		40.3.7.1.2 1.1-01	The requirements of Section 3.7.1.2.1.1 excluding subordinata sections shall apply to TAAS except for the reference to Section 3.7.1.2.1.1.12.1 which does not apply.	}
11.6.5.4	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	3.7.1.2.1.1.1-00	SITUATION DISPLAY	;
		3.7.1.2.1.1.1.3-อศ	TARGET AND THACK DATA AND SYMBOLOGY	
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adoptable from the following set of data: Callsign, Made C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	

	Task t	o Requirement Traceal	bility Matrix	
Task Number	Task Statement	Paragraph Number	Requirement	Poge No.
A1.6 5.4 (cont'd)	VERIFY COMPUTER ACTION DURING TRANSITION STAGES	3.7.1.2.1.1.2.1-86	FLIGHT DATA FIELDS	341
		3.7.1.2.1.1.2.1-03	Table 3.7-1 lists the Flight Plan Data fields with the maximum number of characters in the field. (See SLS).	341
		46.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		48.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAN Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	771
		40.3.7.1.2.1 1.2.1-00	FLIGHT DATA FIELDS	781
		40.5.7.1.2.1 1.2.1-01	a. The requirements of Section 5.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nordonformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	781
A1.6.5.75	DETECT OCCURRENCE OF TAAS	3.7.1.2.1.1-00	CONTROLLER DISPLAY LANGUAGE	326
		3.7.1.2.1.1-64	In addition, each Main Display shall display on indication to denote a degraded mode of operation.	328
		3.7.1.2.1.1.8-00	SYSTEM STATUS DATA DISPLAY	359
		3.7.1.2.1.1.8-01	This logical dispiny shall contain dynamic information regarding the status of ATC equipment, operational areas, airports, etc.	359
		3.7.1.2.1 1.8-d2	The following data categories shall be included: Communication Channel Assignments, Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radar Equipment Outages and Repair Schedule, NAVAID Outages and Repair Schedule, NAVAID Maintenance Schedule, Sectorization Plan (See SLS).	359
		48.3.7.1.1.3-88	SYSTEM FUNCTIONAL PERFORMANCE MONITORING CAPABILITY	766
		⊶Ø.5.7.1 1 1.3-62	It shall report to the operation; and supervisory personnel all events which affect the functional performance of the system and shall provide a comprehensive history of the TAAS's functional availability.	766
		40.3.7.1.1.1.5.3·00	MONITOR FUNCTION PERFORMANCE AND AVAILABILITY	767

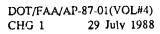
Task Number	lask Statement	Paragraph Number	Requirement	Page No
11.6.5.75 (cont'd)	DETECT OCCURRENCE OF TAAS FAILURE	40.3.7.1.1.1.3.3~03	The TAAS shall alert supervisory and operational personnel to any degradation of the system's functional performance.	76
		40.3.7.1.1.1.3.3-±14	If the performance of a function degrades to a point where it is no longer useful, performance of that function shall be automatically suspended and supervisory and operational personnel shall be notified.	76
		40.3.7.1.1.1.3.3-07	If the Reduced Capability Mode cannot be maintained, all supervisory and operational personnel shall be notified that the system is in the emergency mode.	76
		40.3.7.1.2.1.1-00	CONTROLLER DISPLAY LANGUAGE	77
		40.3.7.1.2.1.1-01	The requirements of Section 3.7.1.2.1.1 excluding subordinate sections shall apply to TAAS except for the reference to Section 3.7.1.2.1.1.12.1 which does not apply.	77
		40.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	71
		40.3.7.1.2.1.1.7-01	The requirements of Section 5.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-det ected failures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS).	71
A1.6.6.1	DETERMINE AIRCRAFT NEEDING SUBSTITUTE ROUTING	40.3.7.1.2.1.1.?-00	FLIGHT DATA DISPLAY	7
		40.3.7.1.2.1.1.4-00	SPECIAL LISTS	7
		48.3.7.1.2.1.1.7-08	SYSTEM STATUS DATA DISPLAY	7
A1.6.6.2	REVIEW STATUS OF QUESTIONABLE NAVAID	3.7.1.2.1.1.8-00	SYSTEM STATUS DATA DISPLAY	3
		3.7.1.2.1.1.8-01	This logical display shall contain dynamic information regarding the status of ATC equipment, operational areas, airports, etc.	3
		3.7.1.2.1.1.8-02	The following data categories shall be included: Communication Channel Assignments, Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radar Equipment Outages and Repair Schedule, NAVAID Outages and Repair Schedule, NAVAID Maintenance Schedule, Sectorization Plan (See SLS).	3
		40.3.7.1.2.1 1.7-00	SYSTEM STATUS DATA DISPLAY	} :
		40.3.7.1.2.1.1.7-01	The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-net ected failures or TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS).	

		o Requirement Traceat		Poge
Tosk Number	Task Statement	Paragraph Number	Requirement	No.
	OBSERVE SUBSTITUTE ROUTING ON DISPLAY	3.7.1.2.1.1.2.1-65	FLIGHT DATA FIELDS	34
		3.7.1.2.1.1.2.1-80	u. The following FDEN categories shall be provided: An FDEN associated with the Route field shall denote a SHAP or preferential route.	34!
		3.7.1.2.1.1.2,1-81	u. The Route field in conjunction with the FDEN shall provide for display of both the SWAP or preferential route and the associated segment of the filed route.	34
		3.7.1.2.1.1.8-00	SYSTEM STATUS DATA DISPLAY	35
		3.7.1.2.1.1.8-02	The following data categories shall be included: Communication Channel Assignments, Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radar Equipment Outages and Repair Schedule, NAVAID Outages and Repair Schedule, NAVAID Maintenance Schedule, Sectorization Flan (See SLS).	35
		3.7.1.2.1.1.9-00	STATIC INFORMATION DISPLAY	36
		5.7.1.2.1.1.9-02	a. The following (graphic) data shall be displayed: Centroller Charts. Sectional Aeronautical Charts, Instrument Approach Procedures, STARs/Profile Descent, SID/Departure Procedure, North Atlantic Route Chart, Pacific Route Chart, Substitute Routing.	36
		40.3.7.1.2.1.1.2.1-0B	FLIGHT DATA FIELDS	78
		40.3.7. 1.1.2.1-01	a. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	76
		40.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	71
		40.3.7.1.2 1.1.7-01	The requirements of Section 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-det ected failures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS).	78
		48.3.7.1.2.1.1.8-00	STATIC INFORMATION DISPLAY	7
		40.3.7.1.2.1.1.8-01	The requirements of Section 3.7.1.2.1.1.9 shall apply to TAAS.	,
A1.6.6.4	RECEIVE NOTICE OF NAVAID	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	a
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Task Number	Tosk Statement	Paragraph Number	Requirement	Pag No
1.6.6.4 cont'd)	RECEIVE NOTICE OF NAVAID	3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
1.6.6.5	RECEIVE SUBSTITUTE COUTING	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	25
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	25
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	7
		40.3.7.1.1.3.7.1-01	The requirements of Section 5.7.1.1.3.7.1 shall apply to TAAS.	7
1.6.6.6	RECEIVE CANCELLATION OF SUBSTITUTE ROUTING	3.7.1.1.3,7.1-00	ATC MAIL MESSAGE PROCESSING	2
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	1
		48.3.7.1.1.3.7.1-88	ATC MAIL PROCESSING	
		40.5.7.1.1.3.7.1-01	the requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	
11 3.6.7	FORWARD NAVAID STATUS TO ANCTHER CONTROLLER/ SUPERVISOR/ PILOT	3.7.1.1.3,7.1-00	ATC MAIL MESSAGE PROCESSING	1
		3.7,1.1.3.7,1-01	The ACCC shall provide the capability to communicate v)a electronic media.	
		40,3.7,1.1.5.7.1-00	ATC MAIL PROCESSING	
		4ศ.3.7.1.1.3.7.1-91	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	
11.6.6.8	FORWARD SUBSTITUTE ROUTING	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	
		40.3.7.1.1.3.7.1-อย	ATC MAIL PROCESSING	
		40.3.7.1.1.3.7.1-07	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	
A1.6.6.9	DELETE PREVIOUS SUBSTITUTE	3.7.1.1.3.7.1 -88	ATC MAIL MESSAGE PROCESSING	
		3.7.1.1.3.7.1-ฮา	The ACCC shall provide the capability to communicate via electronic media.	

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DELETE PREVIOUS SUBSTITUTE ROUTING	40.3.7.1.1.3.7.1-d0	ATC MAIL PROCESSING	776
	40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
RECEIVE SUPERVISOR NOTICE OF EQUIPMENT RELEASED TO MAINTENANCE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
	3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
	40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
FORWARD ALTERNATE COMMUNICATION PATH	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PRUCESSING	299
	3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
	40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	778
RECEIVE NEW FREQUENCY ASSIGNMENT	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
	3.7.1.1.3.7.1-Ø1	The ACCC shall provide the capability to communicate via electronic media.	299
	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	770
	40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1,3.7.1 shall apply to YAAS.	770
FORWARD NOTICE OF COMMUNICATION STATUS	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
	3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
	48.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
	40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
FORWARD NEW FREQUENCY ASSIGNMENT TO ANOTHER CONTROLLER/SUPERVISOR	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
	3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29
	RECEIVE SUPERVISOR NOTICE OF EQUIPMENT RELEASED TO MAINTENANCE  FORWARD ALTERNATE COMMUNICATION PATH  RECEIVE NEW FREQUENCY ASSIGNMENT  FORWARD NOTICE OF COMMUNICATION STATUS	RECEIVE SUPERVISOR NOTICE OF EQUITMENT RELEASED TO AMAINTENANCE 3.7.1.1.3.7.1-80 48.3.7.1.1.3.7.1-80 48.3.7.1.1.3.7.1-80 48.3.7.1.1.3.7.1-80 48.3.7.1.1.3.7.1-80 48.3.7.1.1.3.7.1-80 5.7.1.1.3.7.	RECEIVE NEW FREQUENCY  A8.3.7.1.1.3.7.1-80  A7. MAIL MESSAGE PROCESSING

Task Number	Taşk Statement	Paragraph Number	Requirement	Page No.
A1.6.7.5 (cont'd)	FORWARD NEW FREQUENCY ASSIGNMENT TO ANOTHER CONTROLLER/SUPERVISOR	40.3.7.1.1.5.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
11.6.7.6	RECEIVE NOTICE OF ALTERNATE COMMUNICATION PATH	3.7.1.1.3,7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.5.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
11.6.8.3	REQUEST ASSISTANCE OR RELIEF	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1~01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	778
A1.6.8.4	REQUEST FLOW CONTROL BE IMPOSED	5.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	29:
		40.3.7.1.1.3.7.1-70	ATC MAIL PROCESSING	77
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1.6.9.2	REASSOCIATE DATA BLOCK	3.7.1.2.1.2.1-00	TRACK CONTROL	36
		3.7.1,2.1.2.1-40	l. Track Reposition: Flight Identification, New Co∪rdinate Position.	37
		3.7.1.2.1.2.1-41	<ol> <li>Track Reposition: This message shall provide the capability to change a designated track's coordinate position and its associated full data block.</li> </ol>	37
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	78
		40.3.7.1.2.1.2-01	a. The TAAS shall meet the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following message categories is not required: 1) Metering Porometer Changes (Saction 3.7.1.2.1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	78



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A1.6.9.2 (cont'd)	REASSOCIATE DATA BLOCK	40.3.7.1.2.1.2-02	b. For track control messages all mes ges except Inhibit/Restore Automatic Poin: ut, Group Suppression, Vertical Velocity Readout, Flight Plan Extropolation, Fix/Time Readout, Range/Bearing Readout, Continuous Range Readout, and Radar Contact shall be processed.	783
A1.6.9.3	OBSERVE UATA BLOCK NOT ASSOCIATED WITH TARGET	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-21	Target position symbols shall be placed at the radar reported position and shall not be the same symbols as used to denote track positions.	331
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Gruphic Weather from RLP. Conflict Resolution and MSAW Advisories. Route Display, and Flight Plan Conflict/frial Plan Display are not required.	779
A1.6,9.5	INITIATE USE OF NON-RAWAR SEPARATION STANDARDS	3.7.1.2.1.1.1-00	SITUATION DISPLAY	323
		3.7.1.2.1.1.1.5-21	Target position symbols shull be placed at the rodar reported position and shall not be the same symbols as used to denote track positions.	33
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77
		40.3.7.1.2.1,1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Cruphic Weather from RWP, Conflict Resolution and MSAN Advisories, Route Display, and Flight Plan Conflict/rial Plan Display are not required.	77
		40,3.7,1.2.1.1.2-00	FLIGHT DATA DISPLAY	77
A1.6.9.7	INITIATE USE OF RADAR SEPACATION STANDARDS	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		5.7.1.2.1.1.1.3-23	a. Tanget position symbols shall be coded to Janate whether the tanget is primary or beacon.	33
		3,7.1 2.1.1.1.3-24	a. Target position symbols shall distinguish between the closses of primary targets and categories of baccon targets.	33

Task Number	Task Stutement	Paragraph Number	Requirement	Page No.
A1.6.9.7 (cont'd)	INITIATE USE OF RADAR SEPÄRATION STANDARUS	3.7.1.2.1.1.1.3~44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	332
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWT. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
A1.6.9.9	OBSERVE RETURN OF NORMAL RADAR ENVIRONMENT	3.7.1.2.1.1.1-00	SITUATION DISPLAY	523
		3.7.1.2.1.1.1.3-00	TARGET AND TRACK DATA AND SYMBOLOGY	330
		3.7.1.2.1.1.1.3-23	<ul> <li>a. Target position symbols shall be coded to denote whether the target is primary or beacon.</li> </ul>	351
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be usuptable from the following set of data: Collsign, Mode C Altitude or Pilot Reported Altitude and indication of Filot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SIS).	352
		40.3.7.1.2.1.1.1-80	SITUATION DISPLAY	779
		40.3.7.1.2.1.1.1~@1	The requirements of Section 3.7.1.2.1.1.1 and subords whe sections shall apply to TAAS except that Groppin Weather from RWP. Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	775
A1.6.9.10	OBSERVE AIRCRAFT TRACK IN COAST MODE	3.7.1.2.1.1.1-00	SITUATION DISPLAY	32:
		3.7.1.2.1.1.1.3-88	TARGET AND TRACK DATA AND SYMBOLOGY	331
		3.7.1.2.1.1.1.3-29	d. Track status shall be coded within the track position symbol, leader line, or FDB and shall denote when a track is in coast, hold, flight plan extrupolation, or out of associution with its paired flight plan.	33
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
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A1.6.9.10 (cont'd)	OBSERVE AIRCRAFT TRACK IN COAST MODE	40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Waather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	779
A1.6.9.75	REQUEST READOUT OF ASSIGNED/ REPORTED BEACON CODE	40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-24	Any messages necessary for ATC at existing ARTS control positions shall also be enterable at the Sector Suite of the TAAS, even if such messages are not required for the AAS.	785
A1.6.10.1	OBSERVE MESSAGE ON LOSS OF FLIGHT PLAN DATA BASE	3.7.1.2.1.1.8-ฮซี	SYSTEM STATUS DATA DISPLAY	359
		3.7.1.2.1.1.8-Ø1	This logical display shall contain dynamic information regarding the status of ATC equipment, operational areas, airports, etc.	359
		3.7.1.2.1.1.8-02	The following data categories shall be included: Communication Channel Assignments, Radio Frequencies, Radio Equipment Outages and Repair Schedule, Radar Equipment Outages and Repair Schedule, NAVAID Outages and Repair Schedule, NAVAID Maintenance Schedule, Sectorization Plan (See SLS).	359
	·	48.3.7.1.2.1.1.7-00	SYSTEM STATUS DATA DISPLAY	783
		48.3.7.1.2.1.1.7-81	The requirements of Saction 3.7.1.2.1.1.8 shall apply to TAAS except that the source of data shall be supervisor, area manager, controller manual entry or automatically-det ected failures of TAAS resources, and that there is no requirement for additional categories defined as part of (See SLS).	783
A1.6.10.2	DETECT FAILURE TO UPDATE FLIGHT PLAN DATA BASE	3.7.1.2.≀.1.2.1~ตัช	FLIGHT DATA FIELDS	341
		3.7.1.2.1.1.2.1-03	Table 3.7-1 lists the Flight Plan Data fields with the maximum number of characters in the field. (See SLS).	341
		40.3.7.1,2.1.1,2.1-00	FLIGHT DATA FIELDS	781
Andreas V. Americano esta de la mandra del la mandra del la mandra del la mandra de la mandra del la man		40.3.7.1.2.1.1.2.1-61	a. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix. CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SL5).	781
A1.6.18.3	ENTER DISPLAY AMENEMENT MESCAGE ON CONSOLT	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	373
	A1.6.9.75 A1.6.10.1	A1.6.9.18 OBSERVE AIRCRAFT TRACK IN COAST MODE  A1.6.9.75 REQUEST READOUT OF ASSIGNED/ REPORTED BEACON CODE  A1.6.18.1 OBSERVE MESSAGE ON LOSS OF FLIGHT PLAN DATA BASE  A1.6.18.2 DETECT FAILURE TO UPDATE FLIGHT PLAN DATA BASE	A1.6.9.18 OBSERVE AIRCRAFT TRACK IN 48.3.7.1.2.1.1.1-81  A1.6.9.75 REQUEST READOUT OF ASSIGNED/ REPORTED BEACON CODE  A1.6.18.1 OBSERVE MESSAGE ON LOSS OF FLIGHT PLAN DATA BASE  3.7.1.2.1.1.8-89  48.3.7.1.2.1.1.8-82  A1.6.18.2 DETECT FAILURE TO UPDATE FLIGHT PLAN DATA BASE  3.7.1.2.1.1.2.1-86  48.3.7.1.2.1.1.2.1-88  48.3.7.1.2.1.1.2.1-88  48.3.7.1.2.1.1.2.1-81	A1.6.3.18 DESERVE AIRCRAFT TRACK IN CONT. (d) CONT. MOTE  A6.3.7.1.2.1.1.1-81  A1.6.9.75  DECLEST READULY OF ASSISNED/ REPORTED BEACKN CODE  A1.6.9.75  RECUEST READULY OF ASSISNED/ REPORTED BEACKN CODE  A1.6.9.75  RECUEST READULY OF ASSISNED/ REPORTED BEACKN CODE  A1.6.9.75  RECUEST READULY OF ASSISNED/ REPORTED BEACKN CODE  A1.6.9.75  RECUEST READULY OF ASSISNED/ REPORTED BEACKN CODE  A1.6.9.75  A1.6.18.11  CONTROLLER INPUT LANGUAGE PROCESSING  ANY MASSINGS INCREASED ON LOSS OF FLIGHT PLAN DATA BASE  3.7.1.2.1.2.980  SYSTEM STATUS DATA DISPLAY  A1.6.18.11  This logical display shall contain dynamic information requires shall be included: Communication

Task Number	Task Statement	Paragraph Number	Requirement	No.
A1.6.10.3 (cont'd)	ENTER DISPLAY AMENDMENT MESSAGE ON CONSOLE	3.7.1.2.1.2.2-03	a. Flight Data Amendment: Flight Identification, Field to be Modified, New Data.	373
		3.7.1.2.1.2.2-04	a. Flight Data Amendment: This message shall be used to modify, add to, or delete previously entered flight data for any flight plan.	373
İ		3.7.1,4.3.3-00	FLIGHT PLAN PROCESSING CAPABILITY	411
		3.7.1.4.3.3-01	Flight and other data available at the sector at the time the Emergency Mode was entered shall continue to be displayed.	411
		3.7.1.4.3.3-03	The capability to enter new data, such as Flight Plans, and to modify existing data shall be provided.	411
		3.7.1.4.3.3-04	While operating in the Emergency Mode, sector-to-sector communications shall be continued in order to process messages such as FDE Pointout, Request FDEs, Initiate Handoff, Accept, Reject and Retract Handoff and to automatically distribute entered modifications to flight data to (See SLS).	411
		48.3.7.1.2.1.2-28	CONTROLLER INPUT LANCUACE PROCESSING	78
		48.3.7.1.2.1.2-07	c. For Flight Data Chunges (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	784
		40.3.7.1.4.3.3-00	FEIGHT PLAN PROCESSING CAPABILITY	79
		40.3.7.1.4.3.3-01	The requirements of Section 3.7.1.4.3.3 shall apply to TAAS.	79
A1.6.18.4	ENTER FLIGHT PLAN ON CONSOLE	3.7.1.2.1.2.2-00	FLIGHT DATA CHANGES	37
		3.7.1.2.1.2.2-15	e. Flight Plon: Collsign, (Flight Rules), (Type of Flight), (Number of Aircraft), Type of Aircraft, (Model Number), (Heavy Jet Indicator), Equipment, Departure Point, Departure Time, Coordination Fix, Coordination Time/Elopsed Time to Coordinate Fix, True Air Speed, Altitude, Route, (See SLS).	37
		3.7.1.2 1.2.2-16	e. Flight Plan: This message shall be used to enter flight plan data into the system for a flight.	3:
		3.7.1.4.3.3-08	FLIGHT PLAN PROCESSING CAPABILITY	٩
		3.7.1.4.3.3-01	Flight and other data available at the sector ot the time the Emergency Mode was entered shall continue to be displayed.	4

Task Number	Task Statement	Paragraph Number	Requirement	Page No.
A1.6.1 <b>3</b> .4 (cont'd)	ENTER FLIGHT PLAN ON CONSOLE	3.7.1.4.3.3-83	The capability to enter new data, such as Flight Plans, and to modify existing data shall be provided.	411
		3.7.1.4.3.3-04	While operating in the Emergency Mode, sector-to-sector communications shall be continued in order to process messages such as FDE Pointout, Request FDEs, Initiate Handoff, Accept, Reject and Retract Handoff and to automatically distribute entered modifications to flight data to (See SLS).	411
		40.3.7.1.2.1.2-00	CONTROLLER INPUT LANGUAGE PROCESSING	783
		40.3.7.1.2.1.2-07	c. For Flight Data Changes (Section 3.7.1.2.1.2.2) all messages shall be processed by TAAS except Emergency Airport, Implement Reroute, Implement Absorption Maneuver, Create/Delete Route, and Repetitive Route Amendment.	784
		40.3.7.1.2.1.2-10	c. The capability shall also be provided for the controller to enter a new IFR flight plan for use only within the facility.	784
		48.3.7.1.2.1.2-11	c. The new flight plan shall contain the aircraft ID, aircraft data (aptional), assigned beacon code (optional), speed (optional), entry/daparture point (uptional), exit/arrival point (aptional), estimated time of entry or departure (aptional), assigned or requested altitude (See SLS).	764
		40.3.7.1.4.3,3-00	FLIGHT PLAN PROCESSING CAPABILITY	79:
		40.3.7.1.4.3.3-81	The requirements of Section 3.7.1.4.3.3 shall apply to TAAS.	79
A1.6.10.5	VERIFY FLIGHT PLAN DATA BASE TRANSITION ACTIVITIES	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-81	The ACCC shall provide the capability to communicate via electronic media.	29
		3.7.1.2.1.1.1-88	SITUATION DISPLAY	32
		3.7.1.2.1.1.1.5-00	TARGET AND TRACK DATA AND SYMBOLOGY	33
		3.7.1.2.1.1.1.3-44	The information conveyed in the track position symbol and FDB shall be adaptable from the following set of data: Callsign, Mode C Altitude or Pilot Reported Altitude and indication of Pilot Reported Altitude, Handoff Status/Indicator, Aircraft Type, Assigned Altitude or Interim (See SLS).	33
	1	3.7.1.2.1.1.2.1-80	FLIGHT DATA FIELDS	34
		3.7.1.2.1.1.2.1-03	Table 3.7-1 lists the Flight Plan Data fields with the maximum number of characters in the field. (See SLS).	34

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41.6.1Ø.5 (cont'd)	VERIFY FLIGHT PLAN DATA BASE TRANSITION ACTIVITIES	46.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
		40.3.7.1.2.1.1.1-00	SITUATION DISPLAY	77!
		40.3.7.1.2.1.1.1-01	The requirements of Section 3.7.1.2.1.1.1 and subordinate sections shall apply to TAAS except that Graphic Weather from RWP, Conflict Resolution and MSAW Advisories, Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	77:
		40.5.7.1.2.1.1.2.1-00	FLIGHT DATA FIELDS	78
		40.3.7.1.2.1.1.2.1-01	o. The requirements of Section 3.7.1.2.1.1.2.1 shall apply to TAAS with the following exceptions: The Next Posted Fix, CTA at Next Posted Fix, Next Sector/Next Facility, Lateral Nonconformance Indicator, Metering/Traffic Management Advisory, and Metering/Traffic Management Advisory (See SLS).	78
A1.6.11.2	QUERY WHETHER OTHERS ARE RECEIVING AN AIRCRAFT'S TRANSMISSIONS	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3,7.1-ø1	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40,3.7.1,1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
A1,6.11,4	RECEIVE NOTICE OF TRANSIENT COMMUNICATION FAILURE	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-#1	The ACCC shall provide the capability to communicate via electronic media.	2:
		48.3.7.1.1.3.7.1-88	ATC MAIL PROCESSING	7
		48.3.7.1.1.3.7.1-61	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	,
N1.6.12.1	RECEIVE NOTICE TO TAKE OVER AIRSPACE	3.7,1.1.3,7,1-60	ATC MAIL NESSAGE PROCESSING	2
		3.7.1.1.3.7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2
		40.3.7.1,1.3.7.1-00	ATC MAIL PROCESSING	7
		48.3.7.1,1.3.7.1-61	The requirements of Section 3.7.1.1.3.7.1	,

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A1.6.12.2	RECEIVE NOTICE TO PREPARE FOR SECTUR RECONFIGURATION	3.7.1.1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
		3.7.1.1.3.7.1-01	The ACCC shall provide the copobility to communicate via electronic media.	299
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	770
		40.3.7.1.1.3.9.1-00	SECTORIZATION SUPPORT	77
		40.3.7,1.1.3.9,1-02	The supervisor shall have the capability to initiate the simultaneous display of FDEs at more than one position.	77
		40.3.7.1.1.3.9.1-03	The FDEs shall to emphasized to indicate their status to the affected controllers.	77
		48.3.7.1.1.3.9.1-84	Upon entry of the resectorization message, a prompt shall be displayed informing the controller that a resectorization is about to occur.	77
		40.3.7.1.1.3.9.1-05	The specific FPAs or sectors that will be added or deleted as a result of the resectorization shall be displayed.	77
		48.3.7.1.1.3.9.1-86	All fell data blocks that were in the dirspace assigned to another position and were displayed shall be displayed at the position now responsible for the airspace.	7
		48.3.7.1.2.1.1.2-68	FLIGHT DATA DISPLAY	,
A1.6.12.3	RECEIVE NOTICE TO RELEASE AIRSPACE	3.7,1,1,3,7,1-66	ATC NAIL MESSAGE PRODESSING	2
		5.7.1,1.3,7.1-01	The ACCC shall provide the capability to communicate via electronic media.	2
		48.3.7.1.1.3.7.1-86	ATC MAIL PROCESSING	,
		48.3.7.1.1.3,7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	,
A1.6.12.4	RECEIVE NOTICE THAY ADJACENT FACILITY IS OPERATIVE	3.7.1.1.3,7.1-88	ATC MAIL MESSAGE PROCESSING	2
		3.7.1.1. <b>3.</b> 7.1- <b>8</b> 1	The ACCC shall provide the capability to communicate via electronic media.	2
		46.3.7.1.1.3.7.1-80	ATC MAIL PROCESSING	7
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	,

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A1.6.12.5	RECEIVE NOTICE THAT ADJACENT FACILITY IS INOPERATIVE	3.7.1.1.3.7.1 <b>-</b> 00	ATC MAIL MESSAGE PROCESSING	29
		3.7.1.1.3.7.1-Ø1	The ACCC shall provide the capability to communicate via electronic media.	29
		40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	77
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	77
1.6.12.6	ENTER RECONFIGURATION/ RESECTORIZATION ACCEPTANCE	3.7.1.2.1.2.1-00	TRACK CONTROL	36
		3.7.1.2.1.2.1-72	v. Accept Resectorization: (All Handoffs Indicator).	37
		3.7.1.2.1.2.1-73	v. Accept Resectorization: This message shall be used at the position now responsible for an FPA to accept control of all flights in the FPA being controlled at another position and redirect handoffs to the new position.	37
		3.7.1.2.1.2.1-74	v. Accept Resectorization: This message shall provide the option for the controller to simultaneously accept all handoffs resulting from the resectorization.	3
		48 3 7 1.1.3.9.1-88	SECTORIZATION SUPPORT	7
		4 <b>8.3</b> .7.1.1.3.9 1- <b>8</b> 7	The controller at the position now responsible for the airspace shall be able to accept control of all aircraft in the airspace being controlled at another position by entering an Accept Resectorization accept.	7
		-d 3.7,1,1.3.9.1- <b>d</b> 9	Aircraft in handoff to the position being combined or decimalined shall be redirected to the new position upon entry of the Accept Resectorization message.	;
		48.3 7.1.2.1.2-68	CONTROLLER INPUT LANGUAGE PROCESSING	
		48.3.7,1,2,1,2-61	a. The TAAS shall meat the requirements of Section 3.7.1.2.1.2 and subordinate sections with the following exceptions: Entry of the following nessage categories is not required: 1) Metering Parameter Changes (Section 3.7.1.2 1.2.5) and 2) Automation Processing Messages (Section 3.7.1.2.1.2.11)	
		48.3.7.1.2.1.2-82	b. For track control messages all messages except Inhibit/Restore Automatic Pointout, Group Suppression, Vertical Velocity Readout, Flight Plan Extrapolation, Fix/Time Readout, Range/Bearing Readout, Continuous Range Readout, and Radar Contact shall be processed.	

Task Statement	Paragraph Number	Requirement	Page No.
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ENTER RECONFIGURATION/ RESECTORIZATION ACCOPTANCE	48.3.7.1.2 1.2-64	b. The Accept Resectorization message shall apply to terminal direct instead of FPAs.	784
RECEIVE NOTICE OF RADAR SENSOR STATUS	5.71.3.7.1-40	ATC MAIL NESSAGE PROCESSING	299
	3 7,1,1,3,7,1-6;	The ACCC shall provide the capability to communicate via electronic media.	299
	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
	40.3.7.1.1.3.7 1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776
RECEIVE PROCEDURES TO BE USED TO ACCOMMODATE SENSOR OUTAGE	3.7.1,1.3.7.1-00	ATC MAIL MESSAGE PROCESSING	299
	3.7.1.1.3 7.1-81	The ACCC shall provide the capability to communicate via electronic media.	295
	40.3.7.1.1.3.7.1-60	ATC MAIL PROCESSING	776
	48.3.7.1.1.3.7.1-01	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	276
PERCEIVE TRACKING OR TRANSPONDER FAILURE	3.7,1.2.1,1.1-8b	SITUATION DISPLAY	323
	3.2.1.2.1.1.1.5-80	TARGET AND TRACK DATA AND SYMBOLOGY	330
	3.7.1.2.1.1.1.3-23	<ul> <li>a. Targer position symbols shall be coded to denote whether the target is primary or beacon.</li> </ul>	33;
	3.7.1.2.1.1.1.3-24	a. Target position symbols shall distinguish between the classes of primary largets and categories of beacon targets.	331
	3.7 1.2.1.1.7.3-29	d. Truck status shall be coded within the track position symbol, leader line, or FDB and shall denote we a track is in cost, hold, flight plan a propolation, or out of assumitation with its paired flight plan.	331
	40.3.7.1.2.1.1.1-80	SITUATION DISPLAY	175
	40.3.7.1.2.1.1.1-01	The requirementh of Section 5.7.1.2.1.1.1 and subordinate sections sholl opply to TAAS except that George Heather from Ram. Conflict Resolution and MSAR Advisories. Route Display, and Flight Plan Conflict/Trial Plan Display are not required.	775
FURNARY NOTICE OF NADAR SENSOR STAILS IN ANOTHER CONTROLLER/SUPERVISOR	3.7.1.1 3.7.1-00	ATC MAIL MESSAGE PROCESSING	29:
	3.7.1.1.3.7.1-81	The ACCC shall provide the capability to communicate via electronic modio.	29
•	RECEIVE PROCEDURES TO BE USED TO ACCOMMODATE SENSOR OUTAGE  PERCEIVE TRACKING OR TRANSPONDER FAILURE  FURNASPONDER FAILURE	RECEIVE NOTICE OF RADAT SENSOR  PERCEIVE PROCEDURES TO BE USED  ACCOMPOUNTE SENSOR OUTAGE  PROCEDURE TRACKING OR  18.2.1.1.1.3.7.1-80  48.3.7.1.1.3.7.1-80  3.7.1.1.3.7.1-81  48.3.7.1.1.3.7.1-81  48.3.7.1.1.3.7.1-81  5.7.1.2.1.1.3.7.1-81  48.3.7.1.1.3.7.1-81  48.3.7.1.2.1.1.1.3-23  3.7.1.2.1.1.1.3-29  FURBARD NOTICE OF RADAR SENSOR  STALE OF ANOTHER CONTROLLER/  SUPERVISOR  5.7.1.1.3.7.1-88  5.7.1.2.1.1.1.1-80  5.7.1.2.1.1.1.3-29	ACCIDITION IN TRACTION OF THE CONTROLLS  SECTIVE NOTICE OF HADAR SENSOR  3.7. 1.1.3.7.1-00  ACC MAIL MESSAGE PROCESSING  The ACCC shall provide the capability to communicate via electronic media.  48.5.7.1.1.3.7.1-01  ACC FAIL PROCESSING  The requirements of Section 3.7.1.1.3.7.1  ACC MAIL MESSAGE PROCESSING  The requirements of Section 3.7.1.1.3.7.1  SECTIVE PROCESSING  TO ACCOMPAGATE SENSOR OUTAGE  3.7.1.1.3.7.1-01  ACC MAIL MESSAGE PROCESSING  The ACCC shall provide the compability to communicate via electronic media.  40.3.7.1.1.3.7.1-01  ACC MAIL PROCESSING  The requirements of Section 3.7.1.1.3.7.1  SITUATION GISTRAY  ACC HAIL PROCESSING  TARGET AND TRADE GATA AND SYMBOLGBY  3.7.1.2.1.1.3-23  D. Torget position symbols shall be coded to demote whether the target is primary torgets and categories of beacon corputs.  3.7.1.2.1.1.3-29  J. Torget position symbols shall be coded to demote whether the target is primary torgets and categories of beacon corputs.  3.7.1.2.1.1.1-01  ACC SHALL PROCESSING  TARGET AND TRADE GATA AND SYMBOLGBY  J. Torget position symbols shall be coded to demote whether the target is primary torgets and categories of beacon corputs.  3.7.1.2.1.1.1-01  ACC SHALL PROCESSING  3.7.1.2.1.1.1-01  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirement of Section 5.7.1.2.1.1.1  The requirem

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11.6.13.4 (cont'd)	FORWARD NOTICE OF RADAR SENSOR STATUS TO ANOTHER CONTROLLER/ SUPERVISOR	40.3.7.1.1.3.7.1-00	ATC MAIL PROCESSING	776
		40.3.7.1.1.3.7.1-01	The requirements of Section 3.7 1.1.3.7.1 snall apply to TAAS.	776
		48.3.7.1.1.3.7.1-81	The requirements of Section 3.7.1.1.3.7.1 shall apply to TAAS.	776

Task Statement Orphans

ſ		Task Statement Orphans	
ŀ	Task Number	Task Statement	Task Type
١			
	A1,8	PERFORM TAAS DOMESTIC AIR TRAFFIC CONTROL	
	A1.0.0.0	GENERATE CLEARANCE	
ł	A1.1	PERFURM SITUATION MUNIFORING	
1	A1,1,1	CHECKING AND EVALUATING SEPARATION	
ı	A1,1,1,7	DETERMINE WHETHER AIRCRAFT MAY BE SEPARATED BY LESS THAN PRESCRIBED MINIMA	A
l	A1.1.1.15	DETERMINE WHETHER AIRSPACE SEPARATION STANDARDS MAY BE VIGLATED	 A
	A1,1,1,17	DETERMINE WHETHER FLOW RESTRICTIONS MAY BE VIOLATED	A
l	A1.1.2	RECEIVING SYSTEM STATUS INFORMATION	··
ı	A1.1.2.6	REQUEST REPORT ON NAVALU STATUS	vc
ı	A1,1,3	ANALYZING INITIAL REQUESTS FOR CLEARANCES	
	A1.1.4	PROCESSING DEPARTURE/ EN ROUTE TIME INFORMATION	
	A1.1.5	PROCESSING REQUESTS FOR FLIGHT FOLLOWING	
I	A1.1.5.5	INFORM PILOT OF ALTERNATE INSTRUCTIONS NECESSARY FOR FLIGHT FOLLOWING SERVICE	vc
	A1.1.ŭ	HOUSEKEEPING	
١	A1.1.6.52	REMOVE OBSOLETE PAPER RECORDS OR RECORDED DATA	Ε
i	A1.2	RESOLVE AIRCRAFT CONFLICTS	
١	A1,2,1	PERFORMING AIRCRAFT CONFLICT RESOLUTION	
ļ	41.2.1.2	DETERMINE VALIDITY OF POTENTIAL AIRCRAFT CONFLICT NOTICE OR INDICATION	,
ĺ	A1.2.1.3	RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRCRAFT CONFLICT IN SECTOR	vc
ì	A1.2.1.4	INFORM CONTROLLER OF POTENTIAL AIRCRAFT CONFLICT IN HIS SECTOR	vc
	A1.2.2	PERFORMING MINIMUM SAFE ALTITUDE PROCESSING	
ı	A1.2.2.3	RECEIVE CONTROLLER NOTICE OF POTENTIAL HISAN IN SECTOR	vc
l	A1.2.2 4	INFORA CONTROLLER OF POTENTIAL MISAL IN HIS SECTOR	vc
I	A1.2.2.6	DETERMINE VALIDITY OF MSAH NOTICE OR INDICATION	A .
I	A1.2.5	PERFORMING AIRSPACE CONFLICT PROCESSING	
I	A1.2.3.2	RECEIVE CONTROLLER NOTICE OF POTENTIAL AIRSPACE CONFLICT IN SECTOR	vc
	A1.2.3.75	DETERMINE VALIDITY OF AIRSPACE CONFLICT NOTICE	٨
I	A1.2.4	ISSUING UNSAFE CONDITION ADVISORIES	
1	41.2.4.3	FORMULATE ADVISORY/ SAFETY ALERT CONTENT	٨
	41.2.4.5	ISSUE TRAFFIC ADVISORY/ SAFETY ALERT IN REGAPD TO TRAFFIC PROXIMITY	VC
	41.2.4.6	INFORM PILOT WHEN CLEAR OF TRAFFIC	vc
	A1.2.4.7	ISSUE ADVISORY IN REGARD TO A Nucl-CONTROLLED OBJECT	vc
	A1.2.4.8	INFORM PILOT WHEN CLEAR OF NON-CONTROLLED OBJECT	vc
i	A1.2.4.9	ISSUE ADVISORY IN REGARD TO RESTRICTED AIRSPACE PROXIMITY	VC
Į	A1.2.4.16	ISSUE ADVISORY IN REGARD TO FLIGHT PLAN DEVIATION	VC
	A1.2.4.12	ISSUE SAFETY ALERT IN REGARD TO MINIMUM ALTITUCE	vc
١	A1.2.4.14	DETERMINE NEED FOR ADVISORY/ SAFETY ALERT/ CLEARANCE	A
	A1.2.5	SUPPPESSING ALERTS	ļ
1	A1.3	MUNIAGE AIR TRAFFIC SEQUENCES	
	A1,3,1	RESPONDING TO TRAFFIC MANAGEMENT CONSTRAINTS/ FLOW CONFLICTS	
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A1.3.1.3	DISCUSS DISCONTINUANCE OF TRAFFIC MANAGEMENT RESTRICTION/ TRAFFIC REPOUTE WITH SUPERVISOR	A/VC
A1.3.1.3	REVIEW OPTIONS TO BRING AIRCRAFT INTO CONFORMANCE WITH TRAFFIC MANAGEMENT RESTRICTIONS	A
A1.5.1.5	NEGOTIATS TRAFFIC MANAGEMENT ACTION WITH PILOT	v <sub>c</sub>
A1.3.1.5	RECEIVE SUPERVISOR BRIEFING ON WHAT TRAFFIC CONDITIONS TO EXPECT	VC,'A
A1.3.1.11	PROCESSING DEVIATIONS	V6, X
A1.3.2 A1.3.2.3	DETERMINE MANEUVER TO ASTABLISH/ RESTORE PLIGHT PLAN CONFORMANCE	Α
A1.3.3	RESPONDING TO SPECIAL USE AIRSMACE EVENTS	1 ^
A1.3.3 A1.3.3.4	DETERMINE RESTRICTIONS TO USERS NECESSARY WITHIN RELEASED AIRSPACE	1
A1.3.4	ESTABLISHING ARRIVAL SEQUENCES	^
	PROJECT TRAFFIC SEQUENCE TO ESTABLISH, MODIFY APPROACH FLOW TO AIRPORT OR SECTOR	A
A1.3.4.2	PROJECT MENTALLY THE ARRIVAL FLOW FOR AIRCRAFT LANGING IN OR NEAR THIS SECTOR	i
A1.3.4.6	ISSUE NEW ATIS CODE	A VC
A1.3.4.7		
A1.3.4.8 A1.3.4.9	INFORM PILOR TO OBTAIN NEW ATIS INFORMATION  ISSUE ATIS INFORMATION	vc vc
		VC
A1.3.5	MANAGING DEPARTURE FLOWS	1.
A1.3.5.4 A1.3.6	PROJECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY DEPARTURE FLOW  MONITORING NON-CONTROLLED OBJECTS	^
A1.3.7	RESPONDING TO TEMPORARY RELEASE OF AIRSPACE REQUESTS	ļ
A1.3.7.5	DISCUSS RELFASE OF AIRSPACE FOR TEMPORARY USE WITH SUPERVISOR/ OTHER CONTROLLER	A/VC
A1 3.8	REQUESTING TEMPORARY RELEASE OF AIRSPACE	~~~
A1.4	ROUTE OR PLAN FLIGHTS	
A1,4,1	PLANNING CLEARANCES	
A1.4.1.12	DISCUSS CLEARANCE ALTERNATIVES WITH PILOT	vc
A1.4.1.14	DETERMINE PRIORITY OF CONTROL ACTIONS	
A1.4.1.16	FORMULATE CONTROLLER PLAN OF ACTION FOR CLEARANCE GENERALION	À
A1.4.1.75	DETERMINE APPROPRIATE MENTAL PLAN FOR AIRCRAFT CLEARANCE	
A1.4.2	RESPONDING TO CONTINGENCIES	
A1.4.2.3	ISSUE INSTRUCTIONS TO PILOT (NORDO) FOR IDENTIFICATION TURN/ TRANSPONDER RESPONSE	vc
A1.4.3	RECOGNIZING SPECIAL OPERATIONS	**
A1.4.4	REVIEWING FLIGHT PLANS	
A1.4.4.6	RECEIVE FLIGHT PLAN FROM PILOT	vc
A1,4,4,7	RECEIVE FLIGHT PLAN VERBALLY FORWARDED	vc vc
A1,4.4.8	CUERY PILOT ABOUT FLIGHT PLAN	vc vc
A1,4,4,8 A1,4,4,10	FORHARD FLIGHT PLAN VERBALLY	VC VC
A1.4.4.10	PROCESSING FLIGHT FLAN AMENDMENTS	"
A1.4.5.6	RECEIVE FLIGHT PLAN AMENDMENT VERBALLY FORWARDED	vc
A1.4.5.7	RECEIVE PILOT'S POSITION REPORT	vc vc
A1.4.5.8	FORWARD FLIGHT PLAN AMENDMENT VERBALLY	vc
A1.4.5	RECEIVING TRANSFER OF CONTROL / RADAR IDENTIFICATION	"
A1.4.6.5	DETERMINE THAT AIRCRAFT IS ENTERING SECTOR	
77,-7,0,3	OCTORISM THE PARTONNI I AS ENTERANO SCUTON	^

Task Statement Orphans

Γ,	ask Number	Task Statement Orphans	T1- T
-	OSK HOMBET	TUSK Statement	Tosk Type
Ì			
) A	11.4.7	INITIATING TRANSFER OF CONTROL/ RADAR IDENTIFICATION	
A	11.4.7.5	DISCUSS TRANSFER OF CONTROL WITH OTHER CONTROLLER	VC
1	11.4.7.6	INITIATE VERBAL HANDOFF	VC
1	11.4.8	ISSUING POINTOUTS	
A	11.4.8.7	DISCUSS POINTOUT WITH OTHER CONTROLLER	vc
1	11.4.9	RESPONDING TO POINTOUTS	
4	11.4.16	ISSUING CLEARANCES	
1	11.4.10.3	SUGGEST CLEARANCE ALTERNATIVES TO PILOT	vc
/	A1.4.16.4	FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	A
1	11.4.10.5	ISSUE CLEARANCE AND INSTRUCTIONS TO FILOT	ν¢
1 /	N1.4.10.8	QUERY PILOT REGARDING CONFORMANCE WITH CLEARANCE	VC
/	11.4.12	MANAGING AUTOMATED HANDOFF FEATURES	
1	11.4.13	ESTABLISHING, MAINTAINING, AND TERMINATING RADIO COMMUNICATIONS	
1	X1.4.1 <b>3</b> .1	RECEIVE REQUEST TO CANCEL AIR TRAFFIC SERVICES	VC
1	A1.4.13.2	TERMINATE RADIO COMMUNICATIONS WITH AIRCRAFT	vc
1	41.4.13.3	RECEIVE ARRIVAL MESSAGE	VC
1	A1.4.1 <b>3.</b> 5	ISSUE CHANGE OF FREQUENCY TO PILOT	vc
1	A1.4.13.6	RECEIVE INITIAL RADIO CONTACT FROM PILOT	VC
	41.4.14	ESTABLISHING/ REESTABLISHING RADAR IDENTIFICATION	
۱ ۱	41.4.14.2	INFORM PILOT THAT RADAR CONTACT IS ESTABLISHED	VC
	A1.5	ASSESS WEATHER IMPACT	
1	A1.5.1	RESPONDING TO SIGNIFICANT WEATHER INFURMATION	
	41.5.1.5	DETERMINE WHETHER ANOTHER CONTROLLER OR PILOT NEEDS WEATHER ADVISORY	А
	A1.5.1.16	BROADCAST RECORDED WEATHER INFORMATION	vc
	A1.5.1.76	DEYERMINE WEATHER IMPACT ON ROUTES/ FLOW	А
1.	A1.5.1.77	DETERMINE ALTITUDE/ROUTE CHANGE TO BYPASS SEVERE WEATHER	Α
Ì.	A1.5 1.79	RECEIVE PIREP UN HEATHER	vc
1.	A1.5.1.81	FORWARD URGENT PIREP TO CTHER CONTROLLER	vc
1.	A1.5.1.82	RECORD PIREP NOTE	E
1.	A1.5.2	PROCESSING WEATHER REPORTS	Ì
1	A1.5.2.6	REVIEW ATTS VOTCE RECORDING	VC/A
1.	A1.6	MANAGE SECTOR/PGSITION RESOURCES	Ì
	A1.5.1	BRIEFING RELIEVING CONTROLLERS	
	A1.6.2	ASSUMING POSITION RESPONSIBILITY	Ì
	A1.6.2.10	DETERMINE IF READY TO ACCEPT CONTROL RESPONSIBILITY	4
	A1.6.3	RESPONDING TO TRANSIENT COMPUTER FAILURES	
Ì	A1.6.4	EXECUTING BACKUP PROCEDURES FOR SECTOR SUITE FAILURES	
	A1.6.5	EXECUTING BACKUP PROCEDURES FOR TAKE FAILURES	}
	A1.6.5.6	RECEIVE CONFIRMATION OF COMPUTER ACTION DURING TRANSITION STAGES	vc
	A1.6 5.76	REVERT TO TAAS BACKUP PROCESURES (TBD)	180
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Task Statement Orchans

	Task Statement Orphans	
Task Number	Task Statement	Task Type
A1.6.5.77	REVERT TO TAAS EMERGENCY MODE PROCEDURES (TBD)	дет
A1.6.5.78	REVERT TO TAAS REDUCED CAPABILITY MODE PROCEDURES (18D)	79D 081
A1.6.6	EXECUTING BACKUP NAVAID PROCEDURES	
A1.6.6.10	DISCUSS APPROPRIATENESS WITH SUPERVISOR OF RELEASING EQUIPMENT TO MAINTENANCE	A/VC
A1.6.6.11	REVIEW NEED/ CANCELLATION OF SUBSTITUTE ROUTING WITH SUPERVISOR	A/VC
A1.6.7	EXECUTING BACKUP PROCEDURES FOR COMMUNICATION FAILURES	7.0
A1.6.7.1	DETECT COMMUNICATION FAILURE	VC/A
A1.6.8	MANAGING PERSONAL WORKLOAD	10,7
A1.6.8.1	DETERMINE IMPENDING CONTROLLER OVERLOAD	A
A1.6.9	PERFORMING PROCEDURES FOR NON-RADAR ENVIRONMENT	l î
	INFORM PILOT OF RADAR CONTACT LOST	vc
A1.6.9.1		l i
A1.6.9.4	TERMINATE RADAR SERVICE TO AIRCRAFT	VC VC
A1.6.9.8	REQUEST PILOY POSITION REPORTS	VC VC
A1.6.1Ø	EXECUTING BACKUP PROCEDURES FOR LOSS OF FLIGHT PLAN DATA BASE	
A1.6.11	RESPONDING TO TRANSIENT VSCS FAILURES	
A1.6.11.1	DETECT UNRELIABLE VSCS COMMUNICATION	A/VC
A1.6.11.3	ISSUE ALTERNATE COMMUNICATION FOR AIR/GROUND TRANSMISSION	vc
A1.6.12	RESPONDING TO AIRSPACE CECONFIGURATIONS/ RESECTORIZATIONS	
A1.6.15	RESPONDING TO SENSOR OUTAGES	
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## APPENDIX G

## SITE VISIT INFORMATION

No Air Traffic Control sites were visited as part of the preparation of this version of Volume IV. Operations content was derived from the earlier report of ACF/ACCC controller tasks [8] and from the current System Level Specification [21]. The task and element information was presented to terminal representatives on the Sector Suite Requirements Validation Team (SSRVT) for review and validation. In the preparation of the earliest version of terminal and en route controller analyses [2, 6], a significant number of TRACONs were visited and site personnel interviewed.

## APPENDIY H

## EXPANDED OPERATIONAL SCENARIOS

This appendix contains expansions of the two baseline scenarios for TAAS terminal convollers (Appendix B of Volume I):

Scenario II:

Terminal Departure Sector

Scenario V:

Terminal Arrival Sector

Appendix B in Volume I of this series contains the background description of each scenario, the baseline scenarios from which the present expansion was produced, and the map of the ficultous airspace assumed for these scenarios. The explanation of these scenarios is presented in Section 3.7.6 of Volume I.

The scenarios are expanded by analysis of the baseline scenario data versus the Composition Graphs in Appendix A and the Task Information Requirements in Appendix D, to show in detail how the controller might respond under each applicable scenario in the TAAS time frame. Thus, these expanded scenarios present a solution for each problem posed in the baseline scenarios.

Expanded scenarios in this appendix contain seven columns of data:

Time (in Zulu time reference) for each smeation presented

Situation as introduced in the baseline scenario

Controller Task to identify the number and statement of tasks that are pertinent to that situation

Display Output Requirements to identify display output data objects that are pertinent to each scenario task

Source of the listed display outputs

Data Input Requirements to identify controller input data objects that are pertinent to each scenario task

Remarks to explain VSCS actions and other useful information.

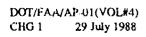
Above the last four columns is a line identifying the reference number for the occurrio situation being presented. This number is to be used to track scenario situations between baseline and expanded scenario descriptions.

NOTE: Due to the extensive revision of the data in this Appendix, black lines (side bars) in the margins to indicate substantive changes (see Foreword) from the original volume have not been used.

	PAGE	REMARKS	***	1, 1-1,	(1-1)	(1-1)	(n-2)	(#-2); HANDOFF AWE110 TO SECTOR 71	(8-2) RECEIVING G/G COMMUNICATIONS (HANDOFF REJECTION FROM SECTOR 71)	(#-2) RECEIVING G/G COMMUNICATIONS	(#-2) HANDOFF AWE110 TO SECTOR 70	(II-2) HANDOFF ACCEPTANCE FROM SECTOR 70 ON AWE110	(#-3) COMMUNICATING NOPMALLY AIR-TO-GROUND (NEGRLI)	(4:3) INATIATING G/G COMMINICATIONS	(#1-3) RECEIVING G/G COMMAUNICATIONS
	2, !! - 3	DATA INPUT PEOUIPENENTS		TRACK FIGHTID (PSELFIC), COORDINATES	HHIC TEXT, ENTER CONTROLLER NOTE			Handoff Function, Sector Number, Flight Id			REDIRECT HANDOFF MESSAGE, SECTOR AUMBER, FLIGHT ID				
SCIENARIOS	ACTIVITY: II - 1, II -	SOURCE	SITUATION DISPLAY,	:58t	CONTRIBUTER NOTEPAD DISPLAY	SITIVATION DISPLAY	SITUATION DISPLAY		SSS .	VSCS		SITUATION DISPLAY	vscs	vscs	VSCS
OPERATIONAL SCEN		SISPLAY OUTPUT REQUIREMENTS	UNIXSOCIATED TARGET SYRZOL			FULL DATA BLOCK, PRIMARY TARGET	FUL DATA BLOCK					FULL DATA BLOCK, SECTOR NUMBER, KANDOFF ACCEPTANCE			
	PARTURE SECTOR TAAS	CONTROLLER TASK	HIGH OBSTRUE APPRACE BIRDING BY ARON SOUTHOUSED OBJECT	ALLIAZ INITIATIE TRAOK ZANUALI	A136.2 ENTER CONTROLLER NOTE	A13.6.3 FLIGHT FOLLOW AN OBSERVED NON-CONTROLLED OR RECT	A1.4.7.9 DETECTMANUAL HANDOFF MODE: INDICATION	A1.4.7.1 INITIATE HANDOFF FUNCTION	A147.15 RECEIVE HANDOFF PELECTION	A147.5 DISCUES TRANSFER OF CONTROL WITH OTHER SONTROLLER	A1.4.7.14 REDIFECT HANDOFF	A1.47.4 RECEIVE HANOFF ACCEPTANCE	A1412 RECEIVE CLEARANCE RECUEST FROM ATCT/FSS/ FILOT/SUPERVISOR	A1.4.1.5 REQUEST CLEARANCE/AFPROVAL FROM ANOTHER CONTROLLER	A1416 FECEIVE CLEABANCE APPROVALCLEABANCE RESTRICTION FROM ANOTHER CONTROLLER
	RIO II: TERMINAL DEPARTURE	SITUATION	APSPACE INTRUSTONEY NON-CONTROLLED CRUEGI	water, st., and			AIRCRAFT TO EDGE OF SECTOR						AMENDED ROUTE/ DESTINATION/ALTITUDE. GLEAF, ANCE DELIVERY		
	SCENARIO II:		4823 CC				1805:00						1807.00		

		)	OPERATIONAL SCENARIOS	APIOS		
SCENARIO II:		TERMINAL DEPARTURE SECTOR TAAS		ACTIVITY: II - 3, II -	- 4	PAGE 2
TIME	SITUATION	CONTROLLER	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
		A1.41.75 DETERMINE APPROPRIATE MENTAL PLAN FOR AIRCRAFT CLEABANCE	GEOGRAPHIC MAP, PARTIAL/FULL DATA BLOCKS, FLIGHT DATA ENTRIES	SITUATION DISPLAY, FLIGHT DATA DISPLAY		(11-3)
		A1.4.10.4 FORMULATEA CLEARANCE WITH APPROPRIATE INSTRUCTIONS				II:3) DESIGN A CLEARANCE FOR M099[L]
		A14.10 5 ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT		VSCS		(11-3) COMMUNICATING NOPMALLY AIR TO-GROUND (N699LJ)
		A1.4.5.3 ENTER FLKG-T PLAN AMENDMENT	FLIGHT DATA ENTRY	MESSAGE COMP. OSTTON 3 RESPONSE DISPLAY, FLICHT DATA DISPLAY	FLICHT PLAN AMENOMENT, FLIGHT (1°-3) ID REVISED DATA (1N69)	(I-3) ENTER ROUTE CHANGE (N699LJ)
		ALTIGIT ENTER FDE NOTATIONS		MESSAGE COMP. OSITION & RESPONSE DISPLAY	FDE NOTATION MESSAGE, FLIGHT ID REVISED DATA	(II:3) SPECIAL VFR, OUT OF CONTROL, ZONE, ENTER FLIGHT ID (N699LJ)
		A11.4.3 OBSERVE ALTOMATIC TRACK START	FULL DATA BLOCK	SITUATION DISPLAY		(tl-3)
		A132:14 DETECT UNREASONABLE MODE C INDICATION	FULL DATA BLOCK, UNREASONABLE MODE C NDICATOR	SITUATION DISPLAY		(H-3) UNREASONABLE ALTITUDE (CLIMBING FASTER THAN ADAPTED VALUE)
		A1.4.10 & QUERY PILOT REGARDING CONFORMANCE WITH CLEARANCE		vscs		(II-3) COMMUNICATING NOPMALLY AIR-TO-GROUND (N699L3)
		A1322 OBSERVE AIRCHAFT RESUMING NORMAL FLIGHT PLAN	TARGET POSITION SYMBOL	SITUATION DISPLAY		(H-3)
1638.00	HANDOFF RECEIPT, AIRCRAFT TO EDGE OF SECTOR	A1.4.6.1 RECEIVE HANDOFF REQUEST	FULL DATA BLOCK, HANDOFF STATUS INDICATOR	SITUATION DISPLAY		(II-4) SECTOR RECEIVES HANDOFF FROM SECTOR 61 ON NIO4PG
		A1.4.6.5 DETERMINE RESPONSE TO HANDOFF REQUEST	PLAL DATA BLOCK, GEOGRAPHIC MAP, FLIGHT DATA FNTRY	SITUATION DISPLAY, FLIGHT DATA DISPLAY		( <del>*   t</del> )
		A1.464 ACCEPT AUTIOMATIC HANDOFF	(TRANSFORMED) FULL DATA BLOCK	SITUATION DISPLAY	ACCEPT HANDOFF, FLIGHT ID	(II-4) SECTOR 60 ACCEPTS HANDOFF ON N104PG
		A1.4.(3.6 RECEIVE INITIAL PADIO CONTACT FROM PILOT		VSCS		(II-4) COMMALNICATING NORMALLY AIR-TO-GROUPID (N104PS)

	PAGE 3	REMARKS	(II-4) COMMUNICATING NORMALLY AIR-TO-GROUND (ISSUE ALTIMETER SETTING ON NIOAPG	(II-4) COMMUNICATING NOPMALLY ARP.TO-GROUND (PILGT REPORTED ALTITUDE (NIGHPG))	(II.4) COMPARE MODE C ALTITUDE TO REPORT FROM M104PG	(01-1)	(11-1)	(H-1)	(II-5) PECEIVE GAS COMMUNICATION (METEOPOLOGIST FORWARDS SIGMET)	(9-11)	(II-6) DESIGN A CLEARANCE FOR ALL ARGRAFT AFFECTED BY WEATHER	(II-6) COMMUNICATING NORMALLY ARTOGROUND (#104PG)	(B-6)	(g-g)	(II-7) COMMUNICATING NORMALLY AIR-TO-GROUND (PIREP FROM N645G)
	-4, 11-5, 11-6, 11-7	DATA INPUT						DELETE MOTE, (PSEUDO) FLIGHT ID (#1)					FLIGHT ID, ENTER FDE NOTATION MESSAGE, REVISED DÁTA		
ARIOS	ACTIVITY: 11-1, 11-4	SOURCE	AIRPORT Envorinmental Data display, VSCS	vscs	STUATION DISPLAY	SITUATION DISPLAY	CONTROLLER NOTEPA DISPLAY	SITUATION DISPLAY, FLIGHT DATA DISPLAY	vscs	SITUATION DISPLAY		vscs	FLIGHT DATA DISPLAY	FLIGHT DATA DISPLAY	VSCS
OPERATIONAL SCENARIOS		DISPLAY CUTPUT	ALTIMETER SETTING		MODE C ALTITUDE, FULL DATA BLOCK	TRACK STATUS, FULL DATA BLOCK	(DELETION) CONTROLLER NOTEPAD DISPLAY	(DELETION) FULL DATABLOCK SITUATION DISPLAY, FLIGHT DATA DISPLAY,	SKOMET	FUIL DATA BLOCK			(PEVISED) FLIGHT DATA ENTRY	FULL DATA BLOCK	
	ARTURE SECTOR TAAS	COMTROLLEP TASK	SETTING SETTING	A1413B VERIFY ARCRAFT A TITUDE	ALTITUDE	ALS B.10 OBSERVE AIRCRAFT IN COAST MODE	A1.1.8.14 DELETIE CONTROLLER NOTE	ALLES DELETE FLIGHT DATA ENTRY AND FULL DATA BLOCK FROM ATC SYSTEM	ALELIZ PECENE WEATHER ADVISCRY FROM ANOTHER CONTROLLERSIPERVISORY METEOROLOST	A1.3.5.4 PROJECT TRAFFIC SEQUENCE TO ESTABLISH/ MODIFY DEPASTURE FLOW	A1.4 10.4 FORMPLATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	A14.105 ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT	ALLIBITEMER FOE NOTATIONS	COMPLIANCE WITH CLEARANCE	ALS.18 RESEIVE PIREP ON WEATHER
	IO II: TERMINAL DEPARTURE	SHUATION				EXIT OF NON-CONTROLLED AIRCRAFT			SIGNET						ыясь
	SCENARIO II:	TIME				1810 00			181200						18:8:00



	-8,   -9	DATA INPUT REMARKS REQUIREMENTS	(IL7) COMIMUNICATING NORMALLY ART-TO GROUND (CLEARANCE REQUEST FROM N645G)	(#-7) INTITING G/G COMMUNICATIONS (CLEARANCE COOPDINATED WITH SECTOR 6 V	(H-7) DESIGN A CLEARANCE FOR N645G	(II-7) COMMUNICATING NOFMALLY AIR-TO-GROUND (ISSUE CLEARANCE TO N645G)	PLAY FLIGHT PLAN AMENDMENT, FLICHT (1-7) DATA (REVISED), FLIGHT ID N645G N645G	SCRATCH PAD, TEXT, FLIGHT ID ARRIVAL RUNWAY/AIRPORT IN SCRATCH PAD, N645G	(II-7) (INITIATING G/G COMMAU*)CATICONS (DISTE/BUTE PREP TO OTHER PPSHTIONS THAT (JEED INFORMATION)	(II-9) ESB SUPERVISOR FORWARDS RUNWAY CHANGE	PLAY SCRATCH PAD, TEXT, FLIGHT 10 (II-8) REVISE DEPARTURE RELATED DATA IN SCRATCH PAD OF AFFECTED MRCRAFT	AY. PLAY DATA
ARICS	ACTIVITY: 11 - 7,	SOURCE	vscs	ASCS		vscs	FUGHT DATA DISPLAY	SITUATION DISPLAY	s sos	ARPORT ENVIRONMENTAL DISPLAY DATA	FLICHT DATA DISPLAY	SITUATION DISPLAY, FLIGHT DATA DISPLAY SYSTEM STATUS DAT DISPLAY
OPERATIONAL SCENARIOS	TAAS ACT	DISPLAY OUTPUT REQUIREMENTS					FLIGHT DATA ENTRY	FULL DATA BLOCK, SCRATCH PAD DATA		DEPARTURE & ARBIVAL ROUTES, ACTIVE RUINWAYS, ACCEPTANCE RATE, RUNNAY ALERT DATA, ATIS CHARACTER ATIS MESSAGE	OEPARTURE LIST	FLIGHT ID, FULL DATA BLOCK B FLIGHT DATA ENTRY (RE- MARKS), SPECIAL ACTIVITIES
	TERMINAL DEPARTURE SECTOR T	CONTRULLER TASK	A1.4.1.2 PECEIVIE CLEARANCE RECUEST FROM ATCFSSY PILOT SUPERVISOR	ALALIS REQUEST CLEABANCE/APFROVAL FROM ANOTHEP CONTROLLER	A1.4.10.4 FORMULATE A CLEARANCE WITH APPROPRIATE INSTRUCTIONS	ANA INSTRUCTIONS TO PILOT	A1.453 ENTER FLICHT PLAN AMENOMENT	A1.4.14 ENTER SCRATCH PAD DATA IN FULL DATA BLOCK	ALS.181 FORWARD URGENT PIREP TO OTHER CONTROLLER	A1.5.2 O RECEIVE RUNWAY USE DATA	A1.4.14 ENTER SCRATCH PAG DATA IN FULL DATA BLOCK	A1.431 PERCEINE PRESENCE OF SPECIAL CFERATION
		SITUATION								PUNWAY CONFIGURATION CHANGE	-	AJRSHOW
	SCENARIO II:	TIME								22100		1823.00

	PAGE 5	REWARKS	(II-9) MITATING G/G COMAUNICATIONS (FORWARD) APSHOW DATA TO SUPER- WSOR)	(11-9) AIRCPALT IN AIRSHOW APE COSSERVED UPON DEPARTURE	(II-9) ARSHOW ARCRAFT JOIN INTO ONE FLIGHT	(#9) CONFLICT ALERT IS SUPPRESSED FOR ARCRAFT IN AIRSHOW	(II-9) MSAW IS SUPPRESSED FOF. ARCRAFT IN ARSHOW	(H-10) COMMUNICATING NOBMALLY AR-TO-GROUND (FLIGHT PLAN ON N294NJ)	(N-10)	(II-10) FLIGHT PLAN ON N294NJ IS ENTERED INTO SYSTEM	(d-10)	(II-10) DESIGN A CLEARANCE FOR NZ94NJ	(R-10) COMMUNIC TING NORMALLY AR-TO-GROUND (ISSUE CLEARANCE TO NISMIN)	(R-10)
	10	DATA INPUT REQUIREMENTS				CA SUPPRESSION, FLIGHTID(3)	MSAW SUPPRESSION, FLIGHT ID			FLIGHT PLAN DATA, FLIGHT PLAN FUNCTION				
ARIOS	ACTIVITY: 11-9, 11-10	SOURCE	VECS	SITUATION DISPLAY	ALERT & RESOLUTION DISPLAY, SITUATION DISPLAY			vscs					vscs	SITUATION DISPLAY
OPERATIONAL SCENARIOS		DISPLAY OUTFUT REQUIREMENTS		FULL DATA BLOCK	CAALERT INDICATOR, FU'LL DATABLO CK									FULL DATA BLOCK, TARGET POSITION SYMBOL
	TERMINAL DEPARTURE SECTOR TAAS	CONTROLLER	A1433 FORWIND NOTICE OF SPECIAL OPERATIONS TO ANOTHER CONTROLLER/ SUPERVISOR	A13.4.3 OBSERVE AUTOMATIC TRACK START	A12.1.1 DETECT APPORAFT CONFLICT ALERT INDICATION	A1252 SUPPRESS CONFLICT ALERI FOR PAIRED AIRCRAFT	A12.5.5 SUPPRIESS MSAW FUNCTION FOR AN AIRCRAFT	A1.4.6 RECEIVE FLIGHT PLAN FROM PILOT	A1.4.2 REVIEW FLIGHT PLAN FOR COMPLETENESS	A1.4.4.3 ENTER FLIGHT PLAN	A14.1.16 FORMULATE CONTROLLER PLAN OF ACTION FOR CLEAPANCE GENERATION	A1.4.10.4 FORMULATE A CLEARANCE WITH APPHOPRIATE INSTRUCTIONS	A1.4.10.5 ISSUI: CLEABANCE AND INSTRUCTIONS TO PILOT	A1.4.10.7 VERIFY AIRCRAFT COMPLIANCE WITH CLEARANCE
		SITUATION						FILED FLIGHT PLAN, CLEARANCE DELIVERY						
	SCENVE/O 6:	-∃ME Z						SS <b>43</b> 8						

	PAGE 6	REMARKS	(ii-11) RECEIVING G/G COMMUNICATIONS (SECTOR 90 REPOPTS AN EMERGENCY ON M12345)	(II-11) INITIATING CAG COMMAUNICATIONS (INFORM OTHERS OF EMERGENCY M12345)	(II-11) RECEIVING GIG COMMUNICATICAIS (SUPER- VISOR ASSISTS IN EMERGENCY)	(II-11) INTIATING G/G COMMANICATIONS (REQUEST ESB CLEA? THE AREA)	(II-17) INITIATING CYG COMMUNICATIONS (SUPER- VISOR RELEASES DEPARTURE AFTER EMERGENCY IS RESOLVED)		
		DATA INPUT REQUIREMENTS							
SCENARIOS	ACTIVITY: II - 11	SOURCE	SITUATION DISPLAY. R.IGHT DATA ENTRY	NSC8	vscs	FLIGHT DATA UISPLAY SITUATION DISPLAY, SPECIAL LISTS, VECS	VSCS		
OPERATIONAL SCEN	TAAS A.CT	DISPLAY OUTPUT REQUIREMENTS	AIRCRAFT SPECIAL CONDITION (FULL DATA BLOCK), FLIGHT DATA ENTRY			FLIGHT DATA ENTRY, FULL DATA BLOCK, DEPARTURE LIST			
	E SECTOR	CONTROLLER TASK	A1.422 RECEIVE NOTICE OF PILOT OR AIRCFAFT HAVING A PROBLEM (E.G., OVERDUE. LOSS OF RADIO CONTACT)	A1.426 INFORM DESIGNATED PERSONNEL OF AIRCRAFT HAVING FLIGHT PROBLEMS	A1.3.1.8 RECEIVE SUPERVISOR NOTICE TO HOLD/REROUTE TRAFFIC CLEAROF CONTINGENCY	A1.344 REQUEST AIRCRAFT BE REROUTED	A13.13 DISCUSS DISCONTINUANCE OF TRAFFIC MANAGEMENT RESTRICTION TRAFFIC REPOUTE WITH SUPERVISOR		
	PIO II: TERMINAL DEPARTUR	SITUATION	AIRGRAFT EMERGENCY. AIRBORNE					SCENAPIO ENDS	
	SCENARIO II:	TIME	1825-00					1830 70	

			OPERATIONAL SCENARIOS	ARIOS		
SCENARIO V:	RIO V: TERMINAL ARRIVAL	IRIVAL SECTOR TAAS		ACTIVITY: V-1, V-	-2	PAGE 1
TIME	SITUATION	CCNTROLLER TASK	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
2103:00	MINIMUM SAFE ALTITUDE WASHING	A1.2.2.1 DETECT MSAW INDICATION OF ALASM	CATOF	BITUATKON DISPLAY, ALENT BATA DISPLAY, ALENT & PESOLUTON DISPLAY		(V-1) MSAW ALERT ON N345GJ
·		A1226 DETERMINE VALIDITY OF MSAW NOTICE OR INDICATON	GEOGRAPHIC MAP DATA, FULL SITUATION DISPLAY DATABLOCK	SITUATION DISPLAY		(4-1)
		A12.43 FORMULATE ADVISORY/SA=ETY ALERT CONTENT				(V-1) DESIGN A SAFETY ALERT FOR N345GJ
		A12.4.12 ISSUE SAFETY ALERT WITH FICARD TO MINIMURA ALTITUDE		vscs		(V-1) COMMUNICATING NOBMALLY ART-TO-GROUND, ISSUE SAFETY ALERT TO N345GJ
		A12.44 DETECT AIRCRAFT MANEUVER IN PESPONSE TO ADVISORY,A 1977	FULL DATA BLOCK (HISTORY), TARGET POSITION SYMACK).	SITUATON DISPLAY		(8-1)
2106.00	POSITION RELIEF	A1.6.1.1 BRIEF RELIEVING CONTROLLER	BRIEFI!'G CYECKLIST	ALL DISPLAYS	DISPLAY CONTROL	(V-2) CONTROLLER 1 (RELIEVED CONTROLLER
		A: 8.2.1 REVIEW SYSTEM STATUS TO DETERMINE CURRENCY/UIPDATE SELF		ALL DISPLAYS		(V-2) CONTROLLER 2 (RELIEVING CONTROLLER)
		A1622 REVIEW CURRENT & PROJECTED TRAFFIC STATUS/WEATHER	FLIGHT DATA ENTRY, FULL DATA BLOCK, WEATHER	SITUATION DISPLAY, FLIGHT DATA DISPLAY, WEATHER DISPLAY		(V-2) CONTROLLER 2
		A1.6.2.8 REVIEW BRIEFING CHECKLISTARVIES TO ASSURE COMFLETENESS OF BRIEFING COVERAGE	BRIFFING CHECKLIST	STATIC INFORMATION DISPLAY		(V-2) CONTROLLER 2
		A1.62.10 DETERMINE IF READY TO ACCEPT CONTROL RESPONSIBILITY				(V-2) CUMTROLLER 2
		A1.6.1.2 SIGN OFF AT CONSOLE			SIGN OFF, USER ID	(V-2) CONTROLLER 1
		A16.2.4 SIGN ON AT DESIGNATED CONSOLE			SKSN OFF, USER ID	(V-2) CONTROLLER 2

	PAGE 2	REMARKS	(V-2) CONTROLLER 1	(V-2) CONTROLLER 2	N-2) CONTROLLER 2	(4.2)	(V-2) INITIATING G/G COMMUNICATIONS (CONTROLLER TO SUPERVISOR	(V-2) INITIATING G/G COMMUNICATIONS (TRAFFIC MOVED TO ANOTHER APRIVAL FIX)	(V-3) COMMUNICATING NORMALLY AIR-TO-GROUND (SKY WATCH), RECUEST CLEMBANCE)	(V-3) SKY WATCH I	(V 3) COMMUNICATING NORMALLY ARP-TO-GROUND (SKY WATCH I)	(V-3) SKY WATCH I	(6.5)	
	ဗ	DATA INPUT REQUIREMENTS			DISPLAY PREFERENCE IDENTHER, 1972) DISPLAYINVOKE DISPLAY PREFERENNCE SET MESSAGE							FLIGHT PLAN FUNCTION, CALLSICN, (V-3) BEACON COCE SKY WATCH!		
ARIOS	ACTIVITY: V - 2, V -	SOURCE	ALL DISPLAYS	ALL DISPLAYS	ALL DISPLAYS	ALL DISPLAYS	VSCS	vscs	VSCS	FLIGHT DATA DISPLAY	vscs			
OPERATIONAL SCENARIOS	VCI	DISPLAY OUTPUT REQUIREMENTS	BRIEFING CHECKLIST	ALL DATA	ALL DATA					FUGHT DATA ENTRY				
	TERMINAL ARRIVAL SECTOR TAAS	CONTROLLER	A1.6.1.3 VERFY COMPLETE. NESS RELIEF BRIEFING RECEIPT	A1.6.2.6 CHECKWOPKSTATION FOR PHOPER CONFIGURATION, USARIUTY, AND SATISFACTORY STATUS	A1.8.2.9 PEQUEST IMPLEMENT TATION OF PRINGRAMMED PERSONAL PREFERENCE AULISTMENTS	A16.8.1 DETERNANE IMPENDING CONTROLLER OVERLOAD	A16.83 REQUEST ASSISTANCE OR PELIEF	A13.4.4 REQUEST ARCRAFT BE REPOUTED	A1.4.1.2 RECEIVE CLEARANCE REQUEST FROM ATC/FSS/ PILOT/SUPERVISOR	A1.1.3.1 SEARCH DISPLAY FOR CLEARANCE REQUEST	A14.4.6 RECEIVE FLIGHT PLANS FROM FILOT	A1.4.4.3 ENTERFLIGHT PLAN	A1.4.1.16 FORMULATE CONTROLLER PLAN OF ACTION FOR CLEARANCE GENERATION	
		SITUATION				CONTROLLER OVERLOAD			LAW ENFORCEMENT					
	SCENARIO V:	TIME				2109:00			2111:00					

			OPERATIONAL SCENARIOS	IARIOS		
SCENARIO V:	NO V: TERMINAL ARRIVAL SI	RIVAL SECTOR TAAS		ACTIVITY: V - 3, V -	4, V - 5	PAGE 3
THAE	SITUATION	CONTROLLER	DISPLAY OUTPUT	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
		A1.4.10.4 FORMULATE A CLEARANCE WITH APPRO- PRIATE INSTRUCTIONS				(V.3) DESIGN A CLEARANCE FOR SKY WATCH I
		A1.4.10.5 ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT		vscs		(V-3) COMMUNICATING HORMALLY AIR: TO-GROUND (SKY WATCH I)
		A1.14.3 OBSERVE AUTOMATIC TRACK START	FULL DATA BLOCK	SITUATION DISPLAY		(V.3) SKY WATCH I
		A1.4.3.3 FORWARD NOTICE OF SPECIAL OPERATIONS TO ANOTHER CONTROLLER/ SUPERVISCR		NSCS		(V-3) INITATING C/G COMMUNICATIONS, SUPERVISOR ADVISED OF SKY WATCH I
2115.00	RADAR SURVEILLANCE SENSOR FAILURE	A1.6.13.3 PEFCEIVE TRACKING OR TRANSPONDER FAILUPE	COAST TRACK INDICATOR, FULL DATA BLOCK	SITUATION DISPLAY		(V-4)
		A16.134 FOFWARD NOTICE OF RADAR SENSOR STATUS TO ANOTHER CONTROLLER/ SUPERVISOR		VSCS		(V4) INITIATING G/G COMMUNI- CATIONS, SECTOR 75 ADVISED OF BADAR STATUS
		A16.9.1 INFORM PLOT OF RADAR CONTACT LOST		vscs		(V4) COMMUNICATING NORMALLY AIR-TO GROUND (ALL AIRCRAFT)
		A16.132 RECEIVE PROCEDURES TO BE USED TO ACCOMODATE SENSOR OUTAGE		vscs		(V-4) RECEIVING CAG COMMUNICATIONS (SUPER: VISORY ASSISTANCE)
		A1.6.9.3 REQJEST PILOT POSITION REPORTS		vscs		(V-4) COMMUNICATING NORMALLY AIR-TO-GROUND (ALL AIRCRAFT
21117.00	RADAR SURVEILLANCE SENSOR, FALURE	ATT2.1 OBSERVE OISPLAY OF NEWCHANGED EQUIP. MENT/OPERATIONAL STATUS	EMPHASIZED EQUIPMENT STATUS	SYSTEM STATUS DATA DISPLAY		(V-5) SUPERVISOR CHANGED TO BACK-UP RADAR CHANNEL
		A1.6.13.1 RECEIVE NOTICE OF RADAR SENSOR STATUS		vscs		(V-5) RECEIVING G/G COMMUNICATIONS (SUPER. VISOR FORWARDS NOTICE OF RADAR CHANNEL)
		A 6.9.9 OBSENVE RETURN OF NORMAL RACAR ENVIRONMEN	FULL DATA BLOCKS	SITJATION DISPLAY		(4-5)
		A1.69.3 OBSERVE DATA BLOCK FULL DATA BLOCK, NON- NOT ASSOCIATED WITH TARGETCONFORMANCE INDICATOR	FULL DATA BLOCK, NON- TCONFORMANCE (NDICATOR	SITUATION DISPLAY		(√.5)

	5, V - 6, V - 7, V - 8 PAGE 4	DATA INPUT  REMARKS  REQUIREMENTS	NE.W	(V.6) COMMUNICATING HORMALLY ARTOGROUND (ALL MRCRAFT)	(7-5)	PLAY (V-6) MIR FORCE ONE	(V.6) INITIATING G/G COMMUNICATIONS (SECTOR 75 HANDS OFF AIR FORCE ONE TO SECTOR 61)	(V-7) COMMUNICATING NOPMALLY AR-TO-SPOUND (AIR FORCE ONE ADVISES OF FIRE IN #2 ENGINE)	IV-7) INITIATING G/G ICOMMUNICATIONS (ADVISE SUPERVISOR OF FIRE)	(V-7) RECEIVING G/G COMMUNICATIONS (SUPER- MISOR INITIATES EMERGENCY ACTION)		(V-7) PECEIVING GAG COMMUNICATIONS (SUPER- NISOR ASSISTS IN EMERGENCY)
ACTIVITY: V-5, V	SOURCE	1	SITUATION DISPLAY		NSCS	SITUATION DISPLAY	SOSA	vscs	vscs	vscs	vscs	
OPERALIONAL SCENARIOS		DISPLAY OUTPUT	FULL DATA BLOCK			CALLSIGN, FULL DATA BLOCK, FLIGHT DATA ENTRY						
	TERMINAL ARRIVAL SECTOR TAAS	CONTROLLER	A1.6.9.2 REASSOCIATE DATA BLOCK	A14.142 INCORM PLOT THAT PADAR CONTACT IS ESTABLISHED	A1.6.9.7 INITIATE USE OF PADAR SEPATATION STANDARDS	A143.1 PERCEIVE PRESENCE OF SPECIAL CPERATIONS	A1.4.3.3 FORWARD NOTICE OF SPECIAL OPERATION TO ANOTHER CONTROLLER/ SUPERVISOR	A1.422 RECEIVE NOTICE OF PLOT OR AIRCRAFT HAVING A PROBLEM (E.G. OVERDUE, LOSS OF RADIO CONTACT)	41.42.5 FORWARD CONTINGENCY INFORMATION TO SUPERAISORIANOTHER CONTROLLER	41.42.11 RECEIVE SUPER. MSOR NOTICE OF EMERGENCY DECLARED AID CONTINGENCY PLAN INVOKE 3	A13.1.8 RECEIVE SUPERVISOR MOTICE TO HOLD REPOUTE TRAFFIC CLEAR OF CONTINGENCY	
	l	SITUATION				SPECIAL INTEREST FLIGHT		AIRCRAFT EMERGENCY. AIRSORNE			ENTERINCALEAVING AFBORN HOLD	
	SCENARIO V:	TIME				2126:00		2122:00			2123:00	

			OPERATIONAL SCENARIOS	ARIOS		
SCENARIO V:		TERMINAL ARRIVAL SECTOR TAAS		ACTIVITY: V-8		PAGE 5
TIME	SITUATION	CONTROLLER	DISPLAY OUTPUT REQUIREMENTS	SOURCE	DATA INPUT REQUIREMENTS	REMARKS
		4131.4 REVIEW OPTIONS TO BRING AIRCRAFT INTO CONFORMANCE WITH TRAFFIC MANAGEMENT RESTRICTIONS	HOLDING PATTERNS. GEOGRAPHIC MAP DATA	SITUATION DISPLAY		(v-e)
		A.1.31.2 CHOOSE OPTION TO BRING AIRCRAFT INTO CONFORMANCE WITH TRAFFIC MANAGEMENT RESTRICTIONS				(V-8) ALL AIRCRAFT INBOUND TO ESB WILL BE HELD
		A14.10.4 FORMLLATE A CLEARANCE WITH APPROPRIATE ASTRUCTIONS				(V-8) DESIGN A HOLD CLEAPANCE FOR ALL AIRCRAFT
		A14 105 ISSUE CLEARANCE AND INSTRUCTIONS TO PILOT		vscs		(V.8) COMMUNICATING NORMALLY AIR-TO-GROUND (ISSUE HOLD GLEARANGE TO ALL AIRCRAFT)
2129:00	ENTERINGLEAVING AIRBORNE HOLD	A11.6.11 ENTER FDE NOTATIONS	FLIGHT DATA ENTHY	FLIGHT DATA DISPLAY	го <b>е</b> м, алант 10	(V-8) ENTER HOLD INTO SYSTEM
		A1.3.4.1 DETERNINE DESCENT TIME OR POINT	FULL DATA BLOCK, AIRPORT, GEOGRAPHIC MAP DATA	SITUATION DISPLAY		(V-8)
		A 13.42 PROJECT TRAFFIC SEQUENCE TO ESTABLISH MODIFY APPROACH FLOW TO ARRPORT OR SECTOR				(۶-۲)
		A14.104 FORMILATEA GLEARANGE WITH APPROPRIATE INSTRUCTIONS				(V-R) DESIGN CLEARANCES TO RELEASE AIPCRAFT FROM HOLD AND CONTIRUE ON APPROACH PATH
		A14.10.5 ISSUE CLEARANCE AND PISTRUCTKAIS TO PILOT		vscs		(M/B) COMMUNICATING NORMALLY AIR-TO-GROUND (ISSUE CLEARANCES TO AIRCRAFT)
		A1.1.6.11 ENTERING FDE NOTATIONS	FLIGHT DATA ENTRY	SITUATION DISPLAY	FDEN, FLIGHT ID	(V-9) UPDATE THE EYSTEM
		A16.92 REASSOCIATE DATA BLOCK	TARGET POSITION	P.IGHT DATA DISPLAY	RESSAGE, FLGHT ID	(V-8) UPDATE TRACKING ON AIRCRAFT WITHOUT DISCHETE BEACON
2130.00	SCENARIO ENDS					